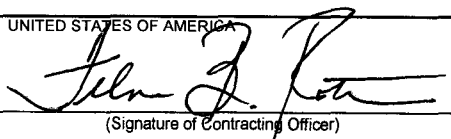


| | | | | | | | | |
|---|--|------------------|--|--|---|--------------------|-------------------------------|--|
| AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT | | | | 1. CONTRACT ID CODE | | Page 1 | | |
| 2. AMENDMENT/MODIFICATION NO. FA8307-05-R-0006-0001 | | | 3. EFFECTIVE DATE 02/24/06 | | 4. REQUISITION/PURCHASE REQ. NO. | | 5. PROJECT NO (If applicable) | |
| 6. ISSUED BY HQ CPSG/PK, DIRECTORATE OF CONTRACTING 230 HALL ST, SUITE 114 SAN ANTONIO TX 78243-7081 BUYER: FELMA ROBERTSON/CPSG/PK felma.robertson@lackland.af.mil Phone: (210) 977- 5515 Fax: (210) 977-3628 No Collect Calls | | | 7. ADMINISTERED BY (If other than item 6) FA8307 | | CODE | | | |
| 8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code) | | | | | 9A. AMENDMENT OF SOLICITATION NO. FA830705R0006 | | | |
| | | | | | 9B. DATED (SEE ITEM 11) -- | | | |
| | | | | | 10A. MODIFICATION OF CONTRACT/ORDER NO. | | | |
| | | | | | 10B. DATED (SEE ITEM 13) | | | |
| CODE | | | | | FACILITY CODE | | | |
| 11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS | | | | | | | | |
| <input checked="" type="checkbox"/> The above numbered solicitation is amended as set forth in item 14. The hour and date specified for receipt of Offers <input checked="" type="checkbox"/> is extended, <input type="checkbox"/> is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified. <div style="display: flex; justify-content: space-between;"> 20-MAR-2006 2:00 PM </div> | | | | | | | | |
| 12. ACCOUNTING AND APPROPRIATION DATA (If required) | | | | | | | | |
| 13. THIS APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14. | | | | | | | | |
| A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A. | | | | | | | | |
| B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO AUTHORITY OF FAR 43.103(b). | | | | | | | | |
| C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF: | | | | | | | | |
| D. OTHER (Specify type of modification and authority) | | | | | | | | |
| E. IMPORTANT: Contractor <input type="checkbox"/> is not, <input checked="" type="checkbox"/> is required to sign this document and return <u>1</u> copies to the issuing office. | | | | | | | | |
| 14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.) | | | | | | | | |
| <p>The date and time of proposals is extended from 13 March 2006 at 2:00 PM Central Standard Time (CST) to 20 March 2006 at 2:00 PM CST. Other changes to the RFP are summarized in the attached pages.</p> | | | | | | | | |
| Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect. | | | | | | | | |
| 15A. NAME AND TITLE OF SIGNER (Type or print) | | | | 16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) | | | | |
| | | | | FELMA ROBERTSON, Contracting Officer felma.robertson@Lackland.af.mil | | | | |
| 15B. CONTRACTOR/OFFEROR | | 15C. DATE SIGNED | | 16B. UNITED STATES OF AMERICA | | 16C. DATE SIGNED | | |
| BY _____ (Signature of person authorized to sign) | | | |  (Signature of Contracting Officer) | | 24 FEB 2006 | | |

Continuation of block 14. DESCRIPTION OF AMENDMENT/MODIFICATION

1. SECTION B – SUPPLIES OR SERVICES: This amendment adds the following Ship to Address to CLIN 0002 Descriptive Data:

ATTENTION: PAULO J. HERNANDEZ
CPSG/ZJYS
200 HALL BLVD, STE 105B
LACKLAND AFB, TX 78243
COMSEC ACCOUNT: 640000

2. SECTION J – LIST OF ATTACHMENTS: This amendment incorporates the following changes/deletions to Section J of the RFP.

a. This amendment changes Exhibit B, DD1423, Contract Data Requirement List (CDRL) number B008, Block A to read “0002”.

b. This amendment changes Exhibit B, DD1423, Contract Data Requirement List (CDRL) number B011, Block A to read “0003”.

c. This amendment changes Exhibit B, DD1423, Contract Data Requirement List (CDRL) number B013, Block A to read “0003”.

d. The amendment corrects Exhibit D, DD1423, Contract Data Requirement List (CDRL) number D014 Block 4 as follows:

FROM: DI-CMAN-818314/T

TO: DI-CMAN-81314/T

e. Exhibit D, DD1423, Contract Data Requirement List (CDRL) number D015, is amended to indicate Production Readiness Review (PRR) rather than Preliminary Design Review (PDR).

f. This amendment establishes DD1423, Contract Data Requirements List (CDRL) number D035 entitled “COMSEC Anonymity Plan.” CDRL D035 is hereby added to Exhibit D, Section J.

g. This amendment updates all of Exhibit D, DD1423, Contract Data Requirement List (CDRL) Block 5 so the numbers match the correct paragraph in the Telecommunications Security Requirements Document (TSRD) Appendix D.

h. Attachment 2, Contract Data Requirement List table of Contents, is hereby revised to add Contract Data Requirement List (CDRL) number D035.

i. The Statement of Objectives (SOO), Attachment 3, is amended by deleting the quantities stated in paragraphs 3.A, 3rd and 4th bullets.

j. This amendment revised the Technical Requirement Document (TRD), Attachment 6. The revised TRD is available to the offerors upon request.

k. Form DD 254, Contract Security Classification Specification, is hereby added to as Attachment 18 (6 pages) to Section J.

3. SECTION L – Instructions, Conditions and Notices to Offers or Respondents: This amendment incorporates the following changes/deletions to Section L of the RFP.

a. This amendment deletes the Past Performance Questionnaires (PPQ) from Volume III. This amendment also adds the PPQ to the * on page L-4 so that it will read: “Page limitations do not apply to the Past Performance Information Sheets, Client Authorization Letters, Consent Letters, and Past Performance Questionnaires.”

b. The amendment changes the first sentence in Section L, paragraph 3.6 to the following: “The following is a list of attachments or exhibits, which will be made part of each contract upon award and shall be attached to the offeror’s model contract submitted in Volume I.”

c. This amendment deletes the words “Volume II” from page L-10, paragraph 3.8d, Section L.

d. This amendment also amends Section L, paragraph 4.3 to include the following “Ensure quantities of prototypes and test articles as well as associated testing are included.”

e. This amendment deletes the following sentences from Section L, para 4.7: The second sentence in the paragraph which states, “Experience can include commercial or Government contracts,” and the last sentence “Corporate experience for the Offeror can include team member experience for the proposed effort.”

f. The following sentence is deleted from Section L, paragraph 4.7.1, Element 1.2.1, Space Electronics Design: “Additionally, offerors are encouraged to include evidence, if any, that this space electronics device was a Type I cryptographic device.”

g. Section L, paragraph 4.8.4, Element 1.3.4, Corporate Process Maturity is amended to include the following:

Provide a photocopy of the current CMMI-SW Version 1.1 or later (Staged) Maturity Level III, by an SEI-authorized third party appraiser, for the specific subsidiary and division of the company proposing to perform the software effort (whether it be prime or sub). Additionally, offerors are encouraged to include a photocopy, if any, of the current

CMMI-SW Version 1.1 or later (Staged) Maturity Level IV or higher, by an SEI-authorized third party appraiser. Additionally, prime contractors for this proposed effort are encouraged to include a photocopy, if any, of a current CMMI-SE/SW Version 1.1 or later (Staged) Maturity Level III or higher, by an SEI-authorized third party appraiser.

- h. Section L, 4.11 is amended to add the following:

Classified information up to the SECRET classification can be mailed by U.S. Postal Registered Mail or U. S. Postal Service Express mail to:

CPSG/ZJJ
250 HALL BLVD, SUITE 132
SAN ANTONIO, TX 78243
ATTN: AMADO VERA III

- i. Section L, paragraph 6.1.2 is amended to change the last sentence to read as follows: "Except as required in Section L, paragraph 3.5.2, under no circumstances shall this information and documentation be included elsewhere in the proposal."

4. SECTION M – EVALUATION FACTORS FOR AWARD: This amendment incorporates the following changes/deletions to Section M of the RFP.

- a. This amendment deletes the following sentence from Section M002 (a), Element 1.2.1, page M3, Space Electronics Design: "It is desirable that at least one device operated in space as a Type I cryptographic device."

- b. Section M, Element 1.3.4, Corporate Process Maturity, page M5, is amended to include the following:

As a minimum, the offeror must be appraised CMMI-SW Version 1.1 or later (Staged) Maturity Level III, by an SEI-authorized third party appraiser, for the specific subsidiary and division of the company (whether it be prime or subcontractor) proposing to perform the software effort. It is desirable for the offeror to be appraised CMMI-SW Version 1.1 or later (Staged) Maturity Level IV or higher, by an SEI-authorized third party appraiser, for the specific subsidiary and division of the company (whether it be prime or subcontractor) proposing to perform the software effort. It is also desirable for the prime contractor to be appraised CMMI-SE/SW Version 1.1 or later (Staged) Maturity Level III or higher, by an SEI-authorized third party appraiser.

| ITEM | SUPPLIES OR SERVICES | Qty Purch Unit | Unit Price Total Item Amount |
|------|----------------------|-------------------|---------------------------------|
|------|----------------------|-------------------|---------------------------------|

System Demonstration

0002 OPTION CLIN

Noun: SYSTEM DEMONSTRATION
NSN: N - Not Applicable
DD1423 is Exhibit:
Contract type: U - COST PLUS FIXED FEE
Inspection: SOURCE
Acceptance: SOURCE
FOB: DESTINATION

Descriptive Data:

The Contractor shall perform the system demonstration effort by completing the design and verifying the National Security Agency Type I - certifiable space TT&C AVE Increment 1 meets all Systems Specification requirements.

The contractor shall deliver all Contract Data Requirement Lists (CDRL)s in accordance with the CSOW and Exhibits A, B, C and D listed in Section J. The CDRLS are not priced separately.

The contractor shall build End Cryptographic Unit (ECU) test articles and embeddable test articles in accordance with the CSOW, Section J.

The contractor shall obtain National Security Agency Type I security certification in accordance with the CSOW, Section J. The contractor shall qualify for space flight and deliver the ECU test articles and embeddable test articles in accordance with the CSOW, Section J.

The completion of this CLIN shall be 18 MARO.

This option shall be exercised in accordance with Section H, provision ZJ-H1, Evaluation Criteria for Option 1 (System Demonstration) Downselect.

SHIP-TO ADDRESS:

ATTN: PAULO J. HERNANDEZ
CPSG/ZJYS
200 HALL BLVD, STE 105B
LACKLAND AFB, TX 78243
COMSEC ACCOUNT: 640000

Production

0003 OPTION CLIN (supply)

Noun: PRODUCTION
NSN: N - Not Applicable
Contract type: J - FIRM FIXED PRICE
Inspection: DESTINATION
Acceptance: DESTINATION
FOB: DESTINATION

Descriptive Data:

0003AA Production Units: The Contractor shall produce and deliver 300 Embeddable Solutions and 100 End Cryptographic Units in accordance with the CSOW, Section J.

PART III - LIST OF DOCUMENTS, EXHIBITS & ATTACHMENTS
SECTION J - LIST OF ATTACHMENTS

| DOCUMENT | PGS | DATE | TITLE |
|---------------|-----|-------------|---|
| EXHIBIT A | 6 | 24 JAN 2006 | PROGRAM STATUS |
| EXHIBIT B | 29 | 24 JAN 2006 | TECHNICAL |
| EXHIBIT C | 1 | 24 JAN 2006 | CONTRACT PERFORMANCE REPORT |
| EXHIBIT D | 34 | 24 JAN 2006 | CERTIFICATION REPORTS |
| ATTACHMENT 1 | 3 | 13 JAN 2006 | CONTRACT DATA REQUIREMENT LIST (CDRL) GUIDE |
| ATTACHMENT 2 | 2 | 13 JAN 2006 | CONTRACT DATA REQUIREMENTS LIST TABLE OF CONTENTS |
| ATTACHMENT 3 | 3 | 04 NOV 2005 | STATEMENT OF OBJECTIVES |
| ATTACHMENT 4 | 40 | 03 NOV 2005 | SECTION L INSTRUCTIONS TO OFFERORS |
| ATTACHMENT 5 | 10 | 03 NOV 2005 | SECTION M - EVALUATION FACTORS FOR AWARD |
| ATTACHMENT 6 | 1 | 04 NOV 2005 | * TECHNICAL REQUIREMENTS DOCUMENT |
| ATTACHMENT 7 | 1 | 21 NOV 2005 | * UNIFIED INFOSEC CRITERIA TAILORED |
| ATTACHMENT 8 | 1 | 04 NOV 2005 | * TELECOMMUNICATIONS SECURITY REQUIREMENTS DOCUMENT |
| ATTACHMENT 9 | 1 | 21 DEC 2001 | * EKMS 217 ON 48116, RFC-2001-010R2, (U) EKMS BENIGN TECHNIQUES SPECIFICATION, BASELINE |
| ATTACHMENT 10 | 1 | 26 NOV 2001 | * FEDERAL INFORMATION PROCESSING STANDARDS PUBLICATION 197 - 26 NOV 2001 |
| ATTACHMENT 11 | 1 | 01 OCT 2001 | * NSA MANUAL 90 - 1 |
| ATTACHMENT 12 | 1 | 29 AUG 1996 | * KEYING MATERIAL SPECIFICATION FOR PEGASUS KGV-227, REV B, 29 AUG 1996 |
| ATTACHMENT 13 | 1 | 14 DEC 1992 | * CARDHOLDER, REV B, R21-TECH-05-93, 14 DEC 1992 |
| ATTACHMENT 14 | 1 | 20 JAN 2000 | * C TECHNICAL REPORT 02-00, 27 JAN 2000, FAIL SAFE DESIGN & ANALYSIS (FSDA) |
| ATTACHMENT 15 | 1 | 17 MAY 2003 | * ACCORDION 3.0 ALGORITHM SUITE A, NSA SPC NO. 2000-4 REV B 17 MAY 2003 |
| ATTACHMENT 16 | 1 | 05 APR 2002 | * EKMS 322, ON481191, (U) EKMS FIREFLY SPEC REV B 5 APR 2002 |

PART III - LIST OF DOCUMENTS, EXHIBITS & ATTACHMENTS
SECTION J - LIST OF ATTACHMENTS

| | | | |
|---------------|---|-------------|--|
| ATTACHMENT 17 | 1 | 30 NOV 2001 | * MEDLEY IMPLEMENTATION STANDARD, R21 INFORMAL TECHNICAL REPORT,30 NOV 2001 |
| ATTACHMENT 18 | 6 | 01 DEC 1999 | DD FORM 254 CONTRACT SECURITY CLASSIFICATION SPECIFICATION |

(1 Data Item)

OMB No. 0704-0188

Public reporting burden for this collection of information is estimated to average 110 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to Department of Defense, Washington Headquarters Services, Directorate for Information Operations and Reports, 1215 Jefferson Davis Highway, Suite 1204, Arlington, VA 22202-4302, and to the Office of Management and Budget, Paperwork Reduction Project (0704-0188), Washington, DC 20503. Please DO NOT RETURN your form to either of these addresses. Send completed form to the Government issuing Contracting Officer for the Contract/PR No. listed in Block E.

| | | | | | | | |
|--|--|------------------------|--|--|-----------|--|--|
| A. CONTRACT LINE ITEM NO. 0002 | | B. EXHIBIT B | | C. CATEGORY: TDP ___ TM ___ OTHER ___ | | | |
| D. SYSTEM/ITEM Space TT&C AVE I1 | | E. CONTRACT/PR NO. | | F. CONTRACTOR | | | |
| 1. DATA ITEM NO. B008 | 2. TITLE OF DATA ITEM Preservation and Packaging Data | | | 3. SUBTITLE | | | |
| 4. AUTHORITY (Data Acquisition Document No.) DI-PACK-80120B | | 5. CONTRACT REFERENCE | | 6. REQUIRING OFFICE CPSG/ZJ | | | |
| 7. DD 250 REQ LT | 9. DIST STATEMENT C | 10. FREQUENCY ONE/R | 12. DATE OF 1ST SUBMISSION See blk 16 | 14. DISTRIBUTION | | | |
| 8. APP CODE A | | 11. AS OF DATE 0 | 13. DATE OF SUBSEQUENT SUBMISSION See blk 16 | a. ADDRESSEE | b. COPIES | | |
| 16. REMARKS Blocks 10, 12, 13: Delivery date of first submission 60 calendar days prior to first shipment of test articles. Final submission 30 CD prior to first shipment. Packing must meet requirements for shipment of space qualified equipment, i.e., do not exceed qualification limits. Block 14: Post CDRL submittal to website and send electronic Letter of Transmittal to amado3.vera@lackland.af.mil (PM), felma.robertson@lackland.af.mil (PCO), and nickey.forge.ctr@lackland.af.mil (DM). | | | | Draft | Final | | |
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| 15. TOTAL | | | | | | | |
| G. PREPARED BY | | H. DATE | | I. APPROVED BY Amado Vera | | | |
| | | | | J. DATE 8 Feb 06 | | | |

17. PRICE GROUP

**18. ESTIMATED
TOTAL PRICE**

CONTRACT DATA REQUIREMENTS LIST

(1 Data Item)

Form Approved
OMB No. 0704-0188

Public reporting burden for this collection of information is estimated to average 110 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to Department of Defense, Washington Headquarters Services, Directorate for Information Operations and Reports, 1215 Jefferson Davis Highway, Suite 1204, Arlington, VA 22202-4302, and to the Office of Management and Budget, Paperwork Reduction Project (0704-0188), Washington, DC 20503. Please DO NOT RETURN your form to either of these addresses. Send completed form to the Government Issuing Contracting Officer for the Contract/PR No. listed in Block E.

| | | | | | |
|--|--|-------------------------------|--|---|--------------------------|
| A. CONTRACT LINE ITEM NO. 0003 | | B. EXHIBIT B | | C. CATEGORY: TDP ___ TM ___ OTHER ___ | |
| D. SYSTEM/ITEM | | E. CONTRACT/PR NO. | | F. CONTRACTOR | |
| 1. DATA ITEM NO. B011 | 2. TITLE OF DATA ITEM Logistics Management Information | | | 3. SUBTITLE | |
| 4. AUTHORITY (Data Acquisition Document No.) DI-ALSS-81529 | | 5. CONTRACT REFERENCE | | 6. REQUIRING OFFICE CPSG/ZJ | |
| 7. DD 250 REQ LT | 9. DIST STATEMENT | 10. FREQUENCY ONE/R | 12. DATE OF 1ST SUBMISSION | 14. DISTRIBUTION | |
| 8. APP CODE A | C | 11. AS OF DATE 0 | 13. DATE OF SUBSEQUENT SUBMISSION | a. ADDRESSEE | b. COPIES |
| | | | | | Draft Final Reg Repro |
| 16. REMARKS | | | | 15. TOTAL -----> | |
| <p>Block 4 (cont): Edit 10.2 Format. The Data Product must be in accordance with Appendix B of MIL-PRF-49506 using a format that is a product of the ICAPS application. The Data Product shall be created using the most current version of ICAPS and guidance</p> <p>Blks 10, 12, 13 (cont): Delivery dates to be established at the Provisioning Guidance Conference.</p> <p>Block 14: Post CDRL submittal to website and send electronic Letter of Transmittal to amado3.vera@lackland.af.mil (PM), felma.robertson@lackland.af.mil (PCO), and nickey.forge.ctr@lackland.af.mil (DM).</p> | | | | See blk 16 | |
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| G. PREPARED BY | H. DATE | I. APPROVED BY <i>Amado Vera</i> | J. DATE 8 Feb 06 |
|-----------------------|----------------|--|----------------------------|

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| 17. PRICE GROUP |
| 18. ESTIMATED TOTAL PRICE |

CONTRACT DATA REQUIREMENTS LIST

(1 Data Item)

Form Approved
OMB No. 0704-0188

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A. CONTRACT LINE ITEM NO.
0003

B. EXHIBIT
B

C. CATEGORY:
TDP ___ TM ___ OTHER ___

D. SYSTEM/ITEM

E. CONTRACT/PR NO.

F. CONTRACTOR

1. DATA ITEM NO.
B013

2. TITLE OF DATA ITEM
Destruction Physical Analysis Report

3. SUBTITLE

4. AUTHORITY (Data Acquisition Document No.)
DI-QCIC-90018

5. CONTRACT REFERENCE

6. REQUIRING OFFICE
CPSG/ZJ

7. DD 250 REQ
LT

9. DIST STATEMENT
C

10. FREQUENCY
ONE/R

12. DATE OF 1ST SUBMISSION
30 days before PRR

14. DISTRIBUTION

8. APP CODE
A

11. AS OF DATE
0

13. DATE OF SUBSEQUENT SUBMISSION
See blk 16

a. ADDRESSEE

b. COPIES

Draft

Final

Reg

Repro

16. REMARKS

See blk 16

Blk 13: NLT 30 days after receipt of government comments.
Government will require 30 days to review and comment on each submission.

Block 14: Post CDRL submittal to website and send electronic Letter of Transmittal to amado3.vera@lackland.af.mil (PM), felma.robertson@lackland.af.mil (PCO), and nickey.forge.ctr@lackland.af.mil (DM).

17. PRICE GROUP

18. ESTIMATED TOTAL PRICE

G. PREPARED BY

H. DATE

I. APPROVED BY
Amado Vera

J. DATE
8 Feb 06

CONTRACT DATA REQUIREMENTS LIST

(1 Data Item)

Form Approved
OMB No. 0704-0188

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A. CONTRACT LINE ITEM NO.
0001, 0002

B. EXHIBIT
D

C. CATEGORY:
TDP ___ TM ___ OTHER ___

D. SYSTEM/ITEM
Space TT&C AVE I1

E. CONTRACT/PR NO.

F. CONTRACTOR

1. DATA ITEM NO.
D002

2. TITLE OF DATA ITEM
Fail Safe Design and Analysis (FSDA) Documentation

3. SUBTITLE

4. AUTHORITY (Data Acquisition Document No.)
DI-MISC-90090A

5. CONTRACT REFERENCE
TSRD para 17

6. REQUIRING OFFICE
CPSG/ZJ

7. DD 250 REQ
LT

9. DIST STATEMENT
C

10. FREQUENCY
As req

12. DATE OF 1ST SUBMISSION
45 days prior to PDR

14. DISTRIBUTION

8. APP CODE
A

11. AS OF DATE
0

13. DATE OF SUBSEQUENT SUBMISSION
See blk 16

a. ADDRESSEE

b. COPIES

Draft

Final

Reg

Repro

16. REMARKS

Blk 13: Final after CDR but NLT 30 days prior to Security Verification Test phase.

The FSDA shall be approved PRIOR to the start of the SVT phase.

See TSRD Appendix C for general requirements for format, media, and miscellaneous information.

Block 14: Post CDRL submittal to website and send electronic Letter of Transmittal to amado3.vera@lackland.af.mil (PM), felma.robertson@lackland.af.mil (PCO), and nickey.forge.ctr@lackland.af.mil (DM).

15. TOTAL ----->

17. PRICE GROUP

18. ESTIMATED TOTAL PRICE

G. PREPARED BY

H. DATE

I. APPROVED BY
Amado Vera

J. DATE
8 Feb 06

(1 Data Item)

Public reporting burden for this collection of information is estimated to average 110 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to Department of Defense, Washington Headquarters Services, Directorate for Information Operations and Reports, 1215 Jefferson Davis Highway, Suite 1204, Arlington, VA 22202-4302, and to the Office of Management and Budget, Paperwork Reduction Project (0704-0188), Washington, DC 20503. Please DO NOT RETURN your form to either of these addresses. Send completed form to the Government Issuing Contracting Officer for the Contract/PR No. listed in Block E.

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|---------------------------|
| 17. PRICE GROUP |
| 18. ESTIMATED TOTAL PRICE |

CONTRACT DATA REQUIREMENTS LIST

(1 Data Item)

Form Approved
OMB No. 0704-0188

Public reporting burden for this collection of information is estimated to average 110 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to Department of Defense, Washington Headquarters Services, Directorate for Information Operations and Reports, 1215 Jefferson Davis Highway, Suite 1204, Arlington, VA 22202-4302, and to the Office of Management and Budget, Paperwork Reduction Project (0704-0188), Washington, DC 20503. Please DO NOT RETURN your form to either of these addresses. Send completed form to the Government Issuing Contracting Officer for the Contract/PR No. listed in Block E.

A. CONTRACT LINE ITEM NO.
0001, 0002

B. EXHIBIT
D

C. CATEGORY:
TDP ___ TM ___ OTHER ___

D. SYSTEM/ITEM
Space TT&C AVE I1

E. CONTRACT/PR NO.

F. CONTRACTOR

1. DATA ITEM NO.
D004

2. TITLE OF DATA ITEM
Theory of Compliance (TOC)

3. SUBTITLE

4. AUTHORITY (Data Acquisition Document No.)
DI-MISC-81609

5. CONTRACT REFERENCE
TSRD para 15

6. REQUIRING OFFICE
CPSG/ZJ

7. DD 250 REQ
LT

9. DIST
STATEMENT
C

10. FREQUENCY
One/R

12. DATE OF 1ST SUBMISSION
45 days prior to CDR

14. DISTRIBUTION

8. APP CODE
A

11. AS OF DATE
0

13. DATE OF SUBSEQUENT
SUBMISSION
As req

a. ADDRESSEE

b. COPIES

Draft

Final

Reg

Repro

16. REMARKS

Blk 13: Subsequent deliveries shall be 10 days after major changes, updates, or after each new software build.

Final delivery is for 'as built,' and due 90 days prior to the NSA Certification brief.

Government requires 45 days to review and comment on each submission.

Include appropriate anti-tamper design features

See TSRD Appendix C for general requirements for format, media, and miscellaneous information.

Block 14: Post CDRL submittal to website and send electronic Letter of Transmittal to amado3.vera@lackland.af.mil (PM), felma.robertson@lackland.af.mil (PCO), and nickey.forge.ctr@lackland.af.mil (DM).

15. TOTAL ----->

17. PRICE
GROUP

18. ESTIMATED
TOTAL PRICE

G. PREPARED BY

H. DATE

I. APPROVED BY
Amado Vera

J. DATE
8 Feb 06

(1 Data Item)

Public reporting burden for this collection of information is estimated to average 110 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to Department of Defense, Washington Headquarters Services, Directorate for Information Operations and Reports, 1215 Jefferson Davis Highway, Suite 1204, Arlington, VA 22202-4302, and to the Office of Management and Budget, Paperwork Reduction Project (0704-0188), Washington, DC 20503. Please DO NOT RETURN your form to either of these addresses. Send completed form to the Government Issuing Contracting Officer for the Contract/PR No. listed in Block E.

17. PRICE
GROUP

CONTRACT DATA REQUIREMENTS LIST

(1 Data Item)

Form Approved
OMB No. 0704-0188

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A. CONTRACT LINE ITEM NO.
0001, 0002

B. EXHIBIT
D

C. CATEGORY:
TDP ___ TM ___ OTHER ___

D. SYSTEM/ITEM
Space TT&C AVE I1

E. CONTRACT/PR NO.

F. CONTRACTOR

1. DATA ITEM NO.
D006

2. TITLE OF DATA ITEM
TEMPEST Control Plan

3. SUBTITLE

4. AUTHORITY (Data Acquisition Document No.)
DI-EMCS-90005A

5. CONTRACT REFERENCE
TSRD para 25

6. REQUIRING OFFICE
CPSG/ZJ

7. DD 250 REQ
LT

9. DIST STATEMENT
C

10. FREQUENCY
One/R

12. DATE OF 1ST SUBMISSION
45 days prior to CDR

14. DISTRIBUTION

8. APP CODE
A

11. AS OF DATE
0

13. DATE OF SUBSEQUENT SUBMISSION
As req

a. ADDRESSEE

b. COPIES

Draft

Final

Reg

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16. REMARKS

Blk 13: Submit final NLT 120 days prior to start of TEMPEST testing.

The government requires 45 days to review

See TSRD Appendix C for general requirements for format, media, and miscellaneous information.

Block 14: Post CDRL submittal to website and send electronic Letter of Transmittal to amado3.vera@lackland.af.mil (PM), felma.robertson@lackland.af.mil (PCO), and nickey.forge.ctr@lackland.af.mil (DM).

15. TOTAL ----->

17. PRICE GROUP

18. ESTIMATED TOTAL PRICE

G. PREPARED BY

H. DATE

I. APPROVED BY
Amado Vera

J. DATE
8 Feb 06

CONTRACT DATA REQUIREMENTS LIST

(1 Data Item)

Form Approved
OMB No. 0704-0188

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|---|--|---------------------------------------|---|--|--------------------|
| A. CONTRACT LINE ITEM NO. 0001, 0002 | | B. EXHIBIT D | | C. CATEGORY: TDP ___ TM ___ OTHER ___ | |
| D. SYSTEM/ITEM Space TT&C AVE I1 | | E. CONTRACT/PR NO. | | F. CONTRACTOR | |
| 1. DATA ITEM NO. D007 | 2. TITLE OF DATA ITEM TEMPEST Test Plan | | | 3. SUBTITLE | |
| 4. AUTHORITY (Data Acquisition Document No.) DI-EMCS-90000A | | 5. CONTRACT REFERENCE TSRD para 25 | | 6. REQUIRING OFFICE CPSG/ZJ | |
| 7. DD 250 REQ LT | 9. DIST STATEMENT | 10. FREQUENCY One/R | 12. DATE OF 1ST SUBMISSION See blk 16 | 14. DISTRIBUTION | |
| 8. APP CODE A | C | 11. AS OF DATE 0 | 13. DATE OF SUBSEQUENT SUBMISSION See blk 16. | a. ADDRESSEE | b. COPIES |
| | | | | Draft | Final Reg Repro |
| 16. REMARKS Blk 12: NLT 90 days prior to start of any TEMPEST tests. The government requires 45 days to review. Incorporate comments and submit final NLT 30 days prior to start of testing. See TSRD Appendix C for general requirements for format, media, and miscellaneous information.. Block 14: Post CDRL submittal to website and send electronic Letter of Transmittal to amado3.vera@lackland.af.mil (PM), felma.robertson@lackland.af.mil (PCO), and nickey.forge.ctr@lackland.af.mil (DM). | | | | See blk 16 | |
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| G. PREPARED BY | | H. DATE | | I. APPROVED BY <i>Amado Vera</i> | |
| | | | | J. DATE 8 Feb 06 | |

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| 17. PRICE GROUP |
| 18. ESTIMATED TOTAL PRICE |

(1 Data Item)

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| 17. PRICE GROUP | |
| 18. ESTIMATED TOTAL PRICE | |

CONTRACT DATA REQUIREMENTS LIST

(1 Data Item)

Form Approved
OMB No. 0704-0188

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A. CONTRACT LINE ITEM NO.
0001, 0002, 003

B. EXHIBIT
D

C. CATEGORY:
TDP ___ TM ___ OTHER ___

D. SYSTEM/ITEM
Space TT&C AVE I1

E. CONTRACT/PR NO.

F. CONTRACTOR

1. DATA ITEM NO.
D009

2. TITLE OF DATA ITEM
Configuration Control Documentation

3. SUBTITLE

4. AUTHORITY (Data Acquisition Document No.)
DI-CMAN-90072

5. CONTRACT REFERENCE
TSRD para 20

6. REQUIRING OFFICE
CPSG/ZJ

7. DD 250 REQ
LT

9. DIST STATEMENT
C

10. FREQUENCY
As req

12. DATE OF 1ST SUBMISSION
See blk 16

14. DISTRIBUTION

8. APP CODE
A

11. AS OF DATE
0

13. DATE OF SUBSEQUENT SUBMISSION
Quarterly

a. ADDRESSEE

b. COPIES

Draft

Final

Reg

Repro

16. REMARKS

Blk 12: 60 days prior to performance of either the HW or SW PCA.

Subsequent to the performance of the initial PCA and, in any case, NLT 45 days prior to the proposed shipment of any product/system affected by the proposed change, variance, or modification.

See TSRD Appendix C for general requirements for format, media, and miscellaneous information.

Block 14: Post CDRL submittal to website and send electronic Letter of Transmittal to amado3.vera@lackland.af.mil (PM), felma.robertson@lackland.af.mil (PCO), and nickey.forge.ctr@lackland.af.mil (DM).

15. TOTAL ----->

G. PREPARED BY

H. DATE

I. APPROVED BY
Amado Vera

J. DATE
8 Feb 06

17. PRICE GROUP

18. ESTIMATED TOTAL PRICE

CONTRACT DATA REQUIREMENTS LIST

(1 Data Item)

Form Approved
OMB No. 0704-0188

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|---|-------------------------------|---|--|---|------------------|
| A. CONTRACT LINE ITEM NO. 0001, 0002, 003 | | B. EXHIBIT D | | C. CATEGORY: TDP ___ TM ___ OTHER ___ | |
| D. SYSTEM/ITEM Space TT&C AVE I1 | | E. CONTRACT/PR NO. | | F. CONTRACTOR | |
| 1. DATA ITEM NO. D010 | | 2. TITLE OF DATA ITEM Engineering Drawings, Computer Software and Configuration Item Database | | 3. SUBTITLE | |
| 4. AUTHORITY (Data Acquisition Document No.) See blk 16 | | 5. CONTRACT REFERENCE TSRD para 21 | | 6. REQUIRING OFFICE NSA 12521 | |
| 7. DD 250 REQ LT | 9. DIST STATEMENT C | 10. FREQUENCY As req | 12. DATE OF 1ST SUBMISSION See blk 16 | 14. DISTRIBUTION | |
| 8. APP CODE A | | 11. AS OF DATE 0 | 13. DATE OF SUBSEQUENT SUBMISSION See blk 16 | a. ADDRESSEE | b. COPIES |
| 16. REMARKS Separate documents are required for the ECU, ES, and STE. block 4: DI-SESS-81000C, DI-IPSC-81441A, DI-81442A, DI-CMAN-90072 Blk 12: Submit initial drawings NLT 30 days after successful completion of the initial hardware PCA. Submit software NLT 30 days after successful completion of the initial SW PCA. Submit CI database prior to the performance of either the HW or SW PCA. Blk 13: Submit subsequent drawings NLT 30 days after incorporation of the approved engineering change. Submit subsequent SW NLT 30 days after successful completion of SW PCA conducted subsequent to incorporation of the approved engineering change. Submit CI database quarterly to incorporate all approved changes since prior submission. See TSRD Appendix C for general requirements for format, media, and miscellaneous information. Block 14: Post CDRL submittal to website and send electronic Letter of Transmittal to amado3.vera@lackland.af.mil (PM), felma.robertson@lackland.af.mil (PCO), and nickey.forge.ctr@lackland.af.mil (DM). | | | | Draft | Final |
| | | | | Reg | Repro |
| 15. TOTAL -----> | | | | | |
| G. PREPARED BY | | H. DATE | | I. APPROVED BY <i>Amado Vera</i> | |
| | | | | J. DATE 8 Feb 06 | |

17. PRICE
GROUP18. ESTIMATED
TOTAL PRICE

CONTRACT DATA REQUIREMENTS LIST

(1 Data Item)

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A. CONTRACT LINE ITEM NO.
0001, 0002, 003

B. EXHIBIT
D

C. CATEGORY:
TDP ___ TM ___ OTHER ___

D. SYSTEM/ITEM
Space TT&C AVE I1

E. CONTRACT/PR NO.

F. CONTRACTOR

1. DATA ITEM NO.
D011

2. TITLE OF DATA ITEM
Configuration Audit Plan

3. SUBTITLE

4. AUTHORITY (Data Acquisition Document No.)
DI-SESS-81646

5. CONTRACT REFERENCE
TSRD para 22

6. REQUIRING OFFICE
NSA I2521

7. DD 250 REQ
LT

9. DIST STATEMENT
C

10. FREQUENCY
One/R

12. DATE OF 1ST SUBMISSION
See blk 16

14. DISTRIBUTION

8. APP CODE
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11. AS OF DATE
0

13. DATE OF SUBSEQUENT SUBMISSION
See blk 16

a. ADDRESSEE

b. COPIES

Draft

Final

Reg

Repro

16. REMARKS

Blk 12: 30 days prior to FCA or PCA, whichever comes first.

Blk 13: NLT 30 days after receipt and incorporation of government comments, as required

Approval required prior to certification

See TSRD Appendix C for general requirements for format, media, and miscellaneous information.

Block 14: Post CDRL submittal to website and send electronic Letter of Transmittal to amado3.vera@lackland.af.mil (PM), felma.robertson@lackland.af.mil (PCO), and nickey.forge.ctr@lackland.af.mil (DM).

15. TOTAL ----->

17. PRICE GROUP

18. ESTIMATED TOTAL PRICE

G. PREPARED BY

H. DATE

I. APPROVED BY
Amado Vera

J. DATE
8 Feb 06

CONTRACT DATA REQUIREMENTS LIST

(1 Data Item)

Form Approved
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|--|---|---------------------------------------|--|--|---------------------------------------|---------|--|-------------------------------------|--|
| A. CONTRACT LINE ITEM NO. 0001 | | B. EXHIBIT D | | C. CATEGORY: TDP ___ TM ___ OTHER ___ | | | | | |
| D. SYSTEM/ITEM Space TT&C AVE I1 | | E. CONTRACT/PR NO. | | F. CONTRACTOR | | | | | |
| 1. DATA ITEM NO. D012 | 2. TITLE OF DATA ITEM In-Process Accounting Procedures Documentation | | | 3. SUBTITLE | | | | | |
| 4. AUTHORITY (Data Acquisition Document No.) DI-QCIC-90059 | | 5. CONTRACT REFERENCE TSRD para 19 | | 6. REQUIRING OFFICE CPSG/ZJ | | | | | |
| 7. DD 250 REQ LT | 9. DIST STATEMENT C | 10. FREQUENCY One/R | 12. DATE OF 1ST SUBMISSION 45 days prior to PDR | 14. DISTRIBUTION | | | | | |
| 8. APP CODE A | | 11. AS OF DATE 0 | 13. DATE OF SUBSEQUENT SUBMISSION N/A | a. ADDRESSEE | b. COPIES Draft Final Reg Repro | | | | |
| 16. REMARKS Approval required prior to certification See TSRD Appendix C for general requirements for format, media, and miscellaneous information. Block 14: Post CDRL submittal to website and send electronic Letter of Transmittal to amado3.vera@lackland.af.mil (PM), felma.robertson@lackland.af.mil (PCO), and nickey.forge.ctr@lackland.af.mil (DM). | | | | See blk 16 | | | | | |
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| | | | | J. DATE 8 Feb 06 | | | | | |

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| 17. PRICE GROUP |
| 18. ESTIMATED TOTAL PRICE |

(1 Data Item)

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| 17. PRICE GROUP | |
| 18. ESTIMATED TOTAL PRICE | |

(1 Data Item)

Form Approved
OMB No. 0704-0188

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17. PRICE GROUP

18. ESTIMATED TOTAL PRICE

(1 Data Item)

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|--|---|---------------------------------------|---|----------------------------------|-------|
| A. CONTRACT LINE ITEM NO. 0001, 0002 | | B. EXHIBIT D | C. CATEGORY: TDP ___ TM ___ OTHER ___ | | |
| D. SYSTEM/ITEM Space TT&C AVE I1 | | E. CONTRACT/PR NO. | | F. CONTRACTOR | |
| 1. DATA ITEM NO. D015 | 2. TITLE OF DATA ITEM Course Conduct Information Package | | 3. SUBTITLE INFOSEC Security Awareness Training | | |
| 4. AUTHORITY (Data Acquisition Document No.) DI-SESS-81522B | | 5. CONTRACT REFERENCE TSRD para 28 | | 6. REQUIRING OFFICE NSA I2522 | |
| 7. DD 250 REQ LT | 9. DIST STATEMENT C | 10. FREQUENCY As req | 12. DATE OF 1ST SUBMISSION 45 days prior to PRR | 14. DISTRIBUTION | |
| 8. APP CODE A | | 11. AS OF DATE 0 | 13. DATE OF SUBSEQUENT SUBMISSION 30 days after training | a. ADDRESSEE | |
| 16. REMARKS See TSRD Appendix C for general requirements for format, media, and miscellaneous information. Block 14: Post CDRL submittal to website and send electronic Letter of Transmittal to amado3.vera@lackland.af.mil (PM), felma.robertson@lackland.af.mil (PCO), and nickey.forge.ctr@lackland.af.mil (DM). | | | | b. COPIES | |
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17. PRICE GROUP

**18. ESTIMATED
TOTAL PRICE**

CONTRACT DATA REQUIREMENTS LIST

(1 Data Item)

Form Approved
OMB No. 0704-0188

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|--|---|--|--|---|--------------------|
| A. CONTRACT LINE ITEM NO. 0001, 0002 | | B. EXHIBIT D | | C. CATEGORY: TDP ___ TM ___ OTHER ___ | |
| D. SYSTEM/ITEM Space TT&C AVE I1 | | E. CONTRACT/PR NO. | | F. CONTRACTOR | |
| 1. DATA ITEM NO. D016 | 2. TITLE OF DATA ITEM Maintenance Manuals | | | 3. SUBTITLE | |
| 4. AUTHORITY (Data Acquisition Document No.) DI-TMSS-90028B | | 5. CONTRACT REFERENCE TSRD para 29 | | 6. REQUIRING OFFICE CPSG/ZJ | |
| 7. DD 250 REQ LT | 9. DIST STATEMENT | 10. FREQUENCY See blk 16 | 12. DATE OF 1ST SUBMISSION See blk 16 | 14. DISTRIBUTION | |
| 8. APP CODE A | C | 11. AS OF DATE 0 | 13. DATE OF SUBSEQUENT SUBMISSION See blk 16 | a. ADDRESSEE | b. COPIES |
| | | | | Draft | Final Reg Repro |
| 16. REMARKS | | | | See blk 16 | |
| <p>Blocks 10, 12, 13 (cont):</p> <p>1. Paragraphs 1, 4.1, 4.3, and 6 of DS-56, while not directly addressing content and format, also apply.</p> <p>2. Initial submission shall be NLT 60 CD prior to start of training course. Draft copies for 50% and 90% review due to Government NLT 30 CD prior to scheduled 50/90% completion review. Government comments will be incorporated and used in the conduct of the final training course.</p> <p>3. The contractor shall furnish each instructor one copy of the manuscript at the start of the training course preparation.</p> <p>4. The contractor shall furnish each student and instructor a copy of the initial manuscript submission, with Government comments incorporated, for use during the course. In addition, an extra copy of the initial manuscript will serve as the "Master Copy." The master copy will contain all comments discovered during the conduct of the training course. The contractor shall incorporate these comments prior to the final submission.</p> <p>5. Final submission shall be delivered NLT 60 CD after completion of the training course and shall incorporate all previous comments. The final submission shall consist of:</p> <p>a. Complete text on compact disk (CD) in MS Word or Word-compatible format.</p> <p>b. CDs shall be prepared as a final camera ready input for printing manual. The disks shall include the heads and feet on each page, handling and summary pages, table of contents, list of effective pages, an introduction will be Government furnished material (GFM), plus all applicable chapters. In addition, the disks shall include an Illustration Parts Breakdown chapter. with its introduction which will be furnished by the Government.</p> <p>c. One hard copy produced from the play of the disks.</p> <p>d. Complete original artwork with all changes/corrections made in finished form and one copy of each illustration, reduced to final publication size, that was added or changed after the initial submission.</p> <p>e. The master copy of the manuscript.</p> <p>Block 14: Post CDRL submittal to website and send electronic Letter of Transmittal to amado3.vera@lackland.af.mil (PM), felma.robertson@lackland.af.mil (PCO), and nickey.forge.ctr@lackland.af.mil (DM).</p> | | | | | |
| | | | | 15. TOTAL -----> | |
| G. PREPARED BY | | H. DATE | | I. APPROVED BY <i>Amado Vera</i> | |
| | | | | J. DATE 8 Feb 06 | |

17. PRICE GROUP

18. ESTIMATED TOTAL PRICE

CONTRACT DATA REQUIREMENTS LIST

(1 Data Item)

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A. CONTRACT LINE ITEM NO.
0001, 0002

B. EXHIBIT
D

C. CATEGORY:
TDP ___ TM ___ OTHER ___

D. SYSTEM/ITEM
Space TT&C AVE I1

E. CONTRACT/PR NO.

F. CONTRACTOR

1. DATA ITEM NO.
D017

2. TITLE OF DATA ITEM
Security Production Assurance

3. SUBTITLE

4. AUTHORITY (Data Acquisition Document No.)
DI-MGMT-80555

5. CONTRACT REFERENCE
TSRD para 30, 31

6. REQUIRING OFFICE
CPSG/ZJ

7. DD 250 REQ
LT

9. DIST STATEMENT
C

10. FREQUENCY
One/R

12. DATE OF 1ST SUBMISSION
45 days prior to CDR

14. DISTRIBUTION

8. APP CODE
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11. AS OF DATE
0

13. DATE OF SUBSEQUENT SUBMISSION
As req

a. ADDRESSEE

b. COPIES

Draft

Final

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Repro

16. REMARKS

Include the INFOSEC-boundary Verification Test (IVT) report as an appendix

See TSRD Appendix C for general requirements for format, media, and miscellaneous information.

Block 14: Post CDRL submittal to website and send electronic Letter of Transmittal to amado3.vera@lackland.af.mil (PM), felma.robertson@lackland.af.mil (PCO), and nickey.forge.ctr@lackland.af.mil (DM).

See blk 16

15. TOTAL ----->

17. PRICE GROUP

18. ESTIMATED TOTAL PRICE

G. PREPARED BY

H. DATE

I. APPROVED BY
Amado Vera

J. DATE
8 Feb 06

CONTRACT DATA REQUIREMENTS LIST

(1 Data Item)

Form Approved
OMB No. 0704-0188

Public reporting burden for this collection of information is estimated to average 110 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to Department of Defense, Washington Headquarters Services, Directorate for Information Operations and Reports, 1215 Jefferson Davis Highway, Suite 1204, Arlington, VA 22202-4302, and to the Office of Management and Budget, Paperwork Reduction Project (0704-0188), Washington, DC 20503. Please DO NOT RETURN your form to either of these addresses. Send completed form to the Government Issuing Contracting Officer for the Contract/PR No. listed in Block E.

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|---|--|---------------------------------------|--|--|--------------------|
| A. CONTRACT LINE ITEM NO. 0001, 0002 | | B. EXHIBIT D | | C. CATEGORY: TDP ___ TM ___ OTHER ___ | |
| D. SYSTEM/ITEM Space TT&C AVE I1 | | E. CONTRACT/PR NO. | | F. CONTRACTOR | |
| 1. DATA ITEM NO. D018 | 2. TITLE OF DATA ITEM Software Requirements Specification (SRS) | | | 3. SUBTITLE | |
| 4. AUTHORITY (Data Acquisition Document No.) DI-IPSC-81433A | | 5. CONTRACT REFERENCE TSRD para 23 | | 6. REQUIRING OFFICE CPSG/ZJ | |
| 7. DD 250 REQ LT | 9. DIST STATEMENT | 10. FREQUENCY One/R | 12. DATE OF 1ST SUBMISSION 60 days prior to PDR | 14. DISTRIBUTION | |
| 8. APP CODE A | C | 11. AS OF DATE 0 | 13. DATE OF SUBSEQUENT SUBMISSION As req | a. ADDRESSEE | b. COPIES |
| | | | | Draft | Final Reg Repro |
| 16. REMARKS In addition to software, document all firmware programming requirements in this data item, or reference the other data items where firmware programming requirements are documented. Blk 8: Approval required prior to start of CDR (TBR) Approval required prior to certification See TSRD Appendix C for general requirements for format, media, and miscellaneous information. Block 14: Post CDRL submittal to website and send electronic Letter of Transmittal to amado3.vera@lackland.af.mil (PM), felma.robertson@lackland.af.mil (PCO), and nickey.forge.ctr@lackland.af.mil (DM). | | | | See blk 16 | |
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| 17. PRICE GROUP |
| 18. ESTIMATED TOTAL PRICE |

CONTRACT DATA REQUIREMENTS LIST

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|---|-----------------------------------|--|--|---|--------------------|
| A. CONTRACT LINE ITEM NO. 0001, 0002 | | B. EXHIBIT D | | C. CATEGORY: TDP ___ TM ___ OTHER ___ | |
| D. SYSTEM/ITEM Space TT&C AVE I1 | | E. CONTRACT/PR NO. | | F. CONTRACTOR | |
| 1. DATA ITEM NO. D019 | | 2. TITLE OF DATA ITEM Software Test Plan | | 3. SUBTITLE | |
| 4. AUTHORITY (Data Acquisition Document No.) DI-IPSC-81438A | | 5. CONTRACT REFERENCE TSRD para 23 | | 6. REQUIRING OFFICE NSA I2522 | |
| 7. DD 250 REQ LT | 9. DIST STATEMENT C | 10. FREQUENCY As req | 12. DATE OF 1ST SUBMISSION 45 days prior to SW CDR | 14. DISTRIBUTION | |
| 8. APP CODE A | | 11. AS OF DATE 0 | 13. DATE OF SUBSEQUENT SUBMISSION See blk 16 | a. ADDRESSEE | b. COPIES |
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| 16. REMARKS | | | | | |
| <p>In addition to software, document all firmware programming test plans in this data item, or reference the other data items where firmware programming test planning is documented.</p> <p>Blk 13: Incorporate Government comments and submit final plan NLT 30 days prior to start of testing.</p> <p>See TSRD Appendix C for general requirements for format, media, and miscellaneous information.</p> <p>Block 14: Post CDRL submittal to website and send electronic Letter of Transmittal to amado3.vera@lackland.af.mil (PM), felma.robertson@lackland.af.mil (PCO), and nickey.forge.ctr@lackland.af.mil (DM).</p> <p>X</p> | | | | See blk 16 | |
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| | | | | J. DATE 8 Feb 06 | |

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| 17. PRICE GROUP |
| 18. ESTIMATED TOTAL PRICE |

CONTRACT DATA REQUIREMENTS LIST

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A. CONTRACT LINE ITEM NO. 0001, 0002 B. EXHIBIT D C. CATEGORY: TDP ___ TM ___ OTHER ___

D. SYSTEM/ITEM Space TT&C AVE I1 E. CONTRACT/PR NO. F. CONTRACTOR

1. DATA ITEM NO. D020 2. TITLE OF DATA ITEM Software Test Report (STR) 3. SUBTITLE

4. AUTHORITY (Data Acquisition Document No.) DI-IPSC-81440A 5. CONTRACT REFERENCE TSRD para 23 6. REQUIRING OFFICE CPSG/ZJ

7. DD 250 REQ LT 9. DIST STATEMENT C 10. FREQUENCY One/R 12. DATE OF 1ST SUBMISSION NLT 30 days after end of testing 14. DISTRIBUTION b. COPIES

8. APP CODE A 11. AS OF DATE 0 13. DATE OF SUBSEQUENT SUBMISSION As req a. ADDRESSEE Draft Final Reg Repro

16. REMARKS

In addition to software, document all firmware programming test results in this data item, or reference the other data items where firmware programming test results are documented.

The report shall document the results of each test performed IAW the test plan and shall cross reference the applicable requirements in the plan.

See TSRD Appendix C for general requirements for format, media, and miscellaneous information.

Block 14: Post CDRL submittal to website and send electronic Letter of Transmittal to amado3.vera@lackland.af.mil (PM), felma.robertson@lackland.af.mil (PCO), and nickey.forge.ctr@lackland.af.mil (DM).

15. TOTAL ----->

17. PRICE GROUP

18. ESTIMATED TOTAL PRICE

G. PREPARED BY H. DATE I. APPROVED BY Amado Vera J. DATE 8 Feb 06

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OMB No. 0704-0188

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|---|---|--|--|---|--------------------|
| A. CONTRACT LINE ITEM NO. 0001, 0002 | | B. EXHIBIT D | | C. CATEGORY: TDP ___ TM ___ OTHER ___ | |
| D. SYSTEM/ITEM Space TT&C AVE I1 | | E. CONTRACT/PR NO. | | F. CONTRACTOR | |
| 1. DATA ITEM NO. D021 | 2. TITLE OF DATA ITEM Software Development Plan (SDP) | | | 3. SUBTITLE | |
| 4. AUTHORITY (Data Acquisition Document No.) DI-IPSC-81427A | | 5. CONTRACT REFERENCE TSRD para 23 | | 6. REQUIRING OFFICE CPSG/ZJ | |
| 7. DD 250 REQ LT | 9. DIST STATEMENT C | 10. FREQUENCY One/R | 12. DATE OF 1ST SUBMISSION See blk 16 | 14. DISTRIBUTION | |
| 8. APP CODE A | | 11. AS OF DATE 0 | 13. DATE OF SUBSEQUENT SUBMISSION See blk 16 | a. ADDRESSEE | b. COPIES |
| | | | | Draft | Final Reg Repro |
| 16. REMARKS In addition to software, address firmware programming in this data item, or reference the other data items where firmware programming development is documented. Blk 10: Submit revisions if changes impact contents of the plan. Blk 12: The draft plan will be due at the initial kick-off meeting between contractor and government. The initial kick-off meeting will be held NLT 30 calendar days after contract award. Blk 13: The government will return comments NLT 30 calendar days after receipt. Final configuration plan to be delivered NLT 30 days after receipt of government comments. See TSRD Appendix C for general requirements for format, media, and miscellaneous information. Block 14: Post CDRL submittal to website and send electronic Letter of Transmittal to amado3.vera@lackland.af.mil (PM), felma.robertson@lackland.af.mil (PCO), and nickey.forge.ctr@lackland.af.mil (DM). | | | | See blk 16 | |
| | | | | 15. TOTAL -----> | |
| G. PREPARED BY | | H. DATE | | I. APPROVED BY <i>Amado Vera</i> | |
| | | | | J. DATE 8 Feb 06 | |

17. PRICE GROUP

18. ESTIMATED TOTAL PRICE

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Page of Pages

CONTRACT DATA REQUIREMENTS LIST

(1 Data Item)

Form Approved
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|--|---|--|---|---|--------------|-----------|--|--|-------|--------------|-------|
| A. CONTRACT LINE ITEM NO. 0001, 0002 | | B. EXHIBIT D | C. CATEGORY: TDP ___ TM ___ OTHER ___ | | | | | | | | |
| D. SYSTEM/ITEM Space TT&C AVE I1 | | E. CONTRACT/PR NO. | | F. CONTRACTOR | | | | | | | |
| 1. DATA ITEM NO. D023 | 2. TITLE OF DATA ITEM Software Test Description (STD) | | 3. SUBTITLE | | | | | | | | |
| 4. AUTHORITY (Data Acquisition Document No.) DI-IPSC-81439 | | 5. CONTRACT REFERENCE TSRD para 23 | | 6. REQUIRING OFFICE CPSG/ZJ | | | | | | | |
| 7. DD 250 REQ LT | 9. DIST STATEMENT | 10. FREQUENCY One/R | 12. DATE OF 1ST SUBMISSION 60 days prior to CDR | 14. DISTRIBUTION | | | | | | | |
| 8. APP CODE A | C | 11. AS OF DATE 0 | 13. DATE OF SUBSEQUENT SUBMISSION As req | <table border="1"><tr><td rowspan="2">a. ADDRESSEE</td><td colspan="3">b. COPIES</td></tr><tr><td>Draft</td><td>Final Reg</td><td>Repro</td></tr></table> | a. ADDRESSEE | b. COPIES | | | Draft | Final Reg | Repro |
| a. ADDRESSEE | b. COPIES | | | | | | | | | | |
| | Draft | Final Reg | Repro | | | | | | | | |
| 16. REMARKS In addition to software, document all firmware programming testing in this data item, or reference the other data items where firmware programming testing is described. Submit updates NLT 30 days after government comments or no later than 30 days prior to SW test. See TSRD Appendix C for general requirements for format, media, and miscellaneous information. Block 14: Post CDRL submittal to website and send electronic Letter of Transmittal to amado3.vera@lackland.af.mil (PM), felma.robertson@lackland.af.mil (PCO), and nickey.forge.ctr@lackland.af.mil (DM). | | | See blk 16 | | | | | | | | |
| G. PREPARED BY | | | H. DATE | I. APPROVED BY <i>Amado Vera</i> | | | | | | | |
| J. DATE 8 Feb 06 | | | | | | | | | | | |

17. PRICE
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A. CONTRACT LINE ITEM NO. 0001, 0002 B. EXHIBIT D C. CATEGORY: TDP ___ TM ___ OTHER ___

D. SYSTEM/ITEM Space TT&C AVE I1 E. CONTRACT/PR NO. F. CONTRACTOR

1. DATA ITEM NO. D024 2. TITLE OF DATA ITEM Software Design Description (SDD) 3. SUBTITLE

4. AUTHORITY (Data Acquisition Document No.) DI-IPSC-81435A 5. CONTRACT REFERENCE TSRD para 23 6. REQUIRING OFFICE CPSG/ZJ

7. DD 250 REQ LT 9. DIST STATEMENT 10. FREQUENCY One/R 12. DATE OF 1ST SUBMISSION 15 days prior to CDR 14. DISTRIBUTION

8. APP CODE A 11. AS OF DATE 0 13. DATE OF SUBSEQUENT SUBMISSION See blk 16 14. DISTRIBUTION a. ADDRESSEE Draft b. COPIES Final Reg Repro

16. REMARKS

In addition to software, document all firmware programming design in this data item, or reference the other data items where firmware programming design is documented.

See TSRD Appendix C for general requirements for format, media, and miscellaneous information.

Block 14: Post CDRL submittal to website and send electronic Letter of Transmittal to amado3.vera@lackland.af.mil (PM), felma.robertson@lackland.af.mil (PCO), and nickey.forge.ctr@lackland.af.mil (DM).

See blk 16

15. TOTAL ----->

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17. PRICE GROUP
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A. CONTRACT LINE ITEM NO.
0001, 0002

B. EXHIBIT
D

C. CATEGORY:
TDP ___ TM ___ OTHER ___

D. SYSTEM/ITEM
Space TT&C AVE I1

E. CONTRACT/PR NO.

F. CONTRACTOR

1. DATA ITEM NO.
D026

2. TITLE OF DATA ITEM
Final QUADRANT Report

3. SUBTITLE

4. AUTHORITY (Data Acquisition Document No.)
DI-EDRS-90091

5. CONTRACT REFERENCE
TSRD para 26

6. REQUIRING OFFICE
CPSG/ZJ

7. DD 250 REQ
LT

9. DIST STATEMENT
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10. FREQUENCY
As req

12. DATE OF 1ST SUBMISSION
90 days prior to CDR

14. DISTRIBUTION

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16. REMARKS

Government requires 60 days to review and comment on each submission.

Submit revisions if changes impact the contents of the report.

See TSRD Appendix C for general requirements for format, media, and miscellaneous information.

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| A. CONTRACT LINE ITEM NO. 0001, 0002 | | B. EXHIBIT D | | C. CATEGORY: TDP ___ TM ___ OTHER ___ | | | | | |
| D. SYSTEM/ITEM Space TT&C AVE I1 | | E. CONTRACT/PR NO. | | F. CONTRACTOR | | | | | |
| 1. DATA ITEM NO. D027 | 2. TITLE OF DATA ITEM Covert Channel Analysis Report | | | 3. SUBTITLE | | | | | |
| 4. AUTHORITY (Data Acquisition Document No.) DI-MISC-81345 | | 5. CONTRACT REFERENCE TSRD para 26 | | 6. REQUIRING OFFICE CPSG/ZJ | | | | | |
| 7. DD 250 REQ LT | 9. DIST STATEMENT | 10. FREQUENCY As req | 12. DATE OF 1ST SUBMISSION 90 days prior to CDR | 14. DISTRIBUTION | | | | | |
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| 17. PRICE GROUP |
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|--|--|--|---|---|---------------------|------------------|--|--|--------------|--------------|--|--|------------|--------------|
| A. CONTRACT LINE ITEM NO. 0001, 0002 | | B. EXHIBIT D | C. CATEGORY: TDP ___ TM ___ OTHER ___ | | | | | | | | | | | |
| D. SYSTEM/ITEM Space TT&C AVE I1 | | E. CONTRACT/PR NO. | | F. CONTRACTOR | | | | | | | | | | |
| 1. DATA ITEM NO. D028 | 2. TITLE OF DATA ITEM Integrated Circuit Graphics Database | | 3. SUBTITLE | | | | | | | | | | | |
| 4. AUTHORITY (Data Acquisition Document No.) DI-IPSC-80409 | | 5. CONTRACT REFERENCE TSRD para 32 | | 6. REQUIRING OFFICE CPSG/ZJ | | | | | | | | | | |
| 7. DD 250 REQ LT | 9. DIST STATEMENT C | 10. FREQUENCY One/R | 12. DATE OF 1ST SUBMISSION 45 days prior to CDR | 14. DISTRIBUTION | | | | | | | | | | |
| 8. APP CODE A | | 11. AS OF DATE 0 | 13. DATE OF SUBSEQUENT SUBMISSION As req | <table border="1"><tr><td rowspan="2">a. ADDRESSEE</td><td colspan="3">b. COPIES</td></tr><tr><td rowspan="2">Draft</td><td colspan="2">Final</td></tr><tr><td></td><td>Reg</td><td>Repro</td></tr></table> | a. ADDRESSEE | b. COPIES | | | Draft | Final | | | Reg | Repro |
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| | Draft | Final | | | | | | | | | | | | |
| | | Reg | Repro | | | | | | | | | | | |
| 16. REMARKS This database documents all geometric and associated layout information used in the fabrication of the ASIC devices. Note: This data item is only required if chip fabrication is required by the contractor's technical approach. See TSRD Appendix C for general requirements for format, media, and miscellaneous information. Block 14: Post CDRL submittal to website and send electronic Letter of Transmittal to amado3.vera@lackland.af.mil (PM), felma.robertson@lackland.af.mil (PCO), and nickey.forge.ctr@lackland.af.mil (DM). | | | | 15. TOTAL -----> | | | | | | | | | | |
| G. PREPARED BY | | H. DATE | I. APPROVED BY <i>Amado Vera</i> | J. DATE 8 Feb 06 | | | | | | | | | | |

17. PRICE
GROUP18. ESTIMATED
TOTAL PRICE

(1 Data Item)

OMB No. 0704-0188

Public reporting burden for this collection of information is estimated to average 110 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to Department of Defense, Washington Headquarters Services, Directorate for Information Operations and Reports, 1215 Jefferson Davis Highway, Suite 1204, Arlington, VA 22202-4302, and to the Office of Management and Budget, Paperwork Reduction Project (0704-0188), Washington, DC 20503. Please DO NOT RETURN your form to either of these addresses. Send completed form to the Government Issuing Contracting Officer for the Contract/PR No. listed in Block F.

| | | | | |
|---|---|---------------------------------------|--|--|
| A. CONTRACT LINE ITEM NO. 0001, 0002 | | B. EXHIBIT D | C. CATEGORY: TDP ___ TM ___ OTHER ___ | |
| D. SYSTEM/ITEM Space TT&C AVE I1 | | E. CONTRACT/PR NO. | | F. CONTRACTOR |
| 1. DATA ITEM NO. D029 | 2. TITLE OF DATA ITEM Computer-aided Chip Development Data | | 3. SUBTITLE | |
| 4. AUTHORITY (Data Acquisition Document No.) DI-MCCR-80499 | | 5. CONTRACT REFERENCE TSRD para 32 | | 6. REQUIRING OFFICE CPSPG/ZJ |
| 7. DD 250 REQ LT | 9. DIST STATEMENT C | 10. FREQUENCY One/R | 12. DATE OF 1ST SUBMISSION 45 days before CDR | 14. DISTRIBUTION a. ADDRESSEE b. COPIES Draft Final Reg Repro |
| 8. APP CODE A | | 11. AS OF DATE 0 | 13. DATE OF SUBSEQUENT SUBMISSION As req | |
| 16. REMARKS This data documents the fabrication of an ASIC device using computer aids. Note: This data item is only required if chip fabrication is required by the contractor's technical approach. See TSRD Appendix C for general requirements for format, media, and miscellaneous information. Block 14: Post CDRL submittal to website and send electronic Letter of Transmittal to amado3.vera@lackland.af.mil (PM), felma.robertson@lackland.af.mil (PCO), and nickey.forge.ctr@lackland.af.mil (DM). | | | | 15. TOTAL -----> |
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17. PRICE GROUP

(1 Data Item)

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| 17. PRICE GROUP |
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CONTRACT DATA REQUIREMENTS LIST

(1 Data Item)

Form Approved
OMB No. 0704-0188

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|--|--|---------------------------------------|--|--|--------------------|
| A. CONTRACT LINE ITEM NO. 0001, 0002 | | B. EXHIBIT D | | C. CATEGORY: TDP ___ TM ___ OTHER ___ | |
| D. SYSTEM/ITEM Space TT&C AVE I1 | | E. CONTRACT/PR NO. | | F. CONTRACTOR | |
| 1. DATA ITEM NO. D032 | 2. TITLE OF DATA ITEM Nuclear Survivability Test Plan | | | 3. SUBTITLE | |
| 4. AUTHORITY (Data Acquisition Document No.) DI-NUOR-80928 | | 5. CONTRACT REFERENCE TSRD para 33 | | 6. REQUIRING OFFICE NSA I2531 | |
| 7. DD 250 REQ LT | 9. DIST STATEMENT | 10. FREQUENCY One/R | 12. DATE OF 1ST SUBMISSION 45 days prior to CDR | 14. DISTRIBUTION | |
| 8. APP CODE A | C | 11. AS OF DATE 0 | 13. DATE OF SUBSEQUENT SUBMISSION As req | a. ADDRESSEE | b. COPIES |
| | | | | Draft | Final Reg Repro |
| 16. REMARKS The Nuclear Survivability Test Plan shall provide the detailed User and Technical Test methods, to include test and analysis, to demonstrate that the system meets or exceeds its nuclear survivability specifications. See TSRD Appendix C for general requirements for format, media, and miscellaneous information. Block 14: Post CDRL submittal to website and send electronic Letter of Transmittal to amado3.vera@lackland.af.mil (PM), felma.robertson@lackland.af.mil (PCO), and nickey.forge.ctr@lackland.af.mil (DM). | | | | See blk 16 | |
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| 17. PRICE GROUP |
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CONTRACT DATA REQUIREMENTS LIST

(1 Data Item)

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|--|--|---------------------------------------|---|--|--------------------|
| A. CONTRACT LINE ITEM NO. 0001, 0002 | | B. EXHIBIT D | | C. CATEGORY: TDP ___ TM ___ OTHER ___ | |
| D. SYSTEM/ITEM Space TT&C AVE I1 | | E. CONTRACT/PR NO. | | F. CONTRACTOR | |
| 1. DATA ITEM NO. D033 | 2. TITLE OF DATA ITEM Nuclear Survivability Test Report | | | 3. SUBTITLE | |
| 4. AUTHORITY (Data Acquisition Document No.) DI-NUOR-80929A | | 5. CONTRACT REFERENCE TSRD para 33 | | 6. REQUIRING OFFICE NSA I2531 | |
| 7. DD 250 REQ LT | 9. DIST STATEMENT C | 10. FREQUENCY One/R | 12. DATE OF 1ST SUBMISSION 30 days after testing | 14. DISTRIBUTION | |
| 8. APP CODE A | | 11. AS OF DATE 0 | 13. DATE OF SUBSEQUENT SUBMISSION As req | a. ADDRESSEE | b. COPIES |
| | | | | Draft | Final Reg Repro |
| 16. REMARKS The report shall contain all the data and conclusions resulting from the test(s) delineated in the Nuclear Survivability Test Plan to demonstrate that the system meets or exceeds its nuclear survivability specifications. See TSRD Appendix C for general requirements for format, media, and miscellaneous information. Block 14: Post CDRL submittal to website and send electronic Letter of Transmittal to amado3.vera@lackland.af.mil (PM), felma.robertson@lackland.af.mil (PCO), and nickey.forge.ctr@lackland.af.mil (DM). | | | | See blk 16 | |
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| 17. PRICE GROUP |
| 18. ESTIMATED TOTAL PRICE |

(1 Data Item)

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|--|---|---------------------------------------|---|--|-----------|-------|
| A. CONTRACT LINE ITEM NO. 0001, 0002 | | B. EXHIBIT D | | C. CATEGORY: TDP ___ TM ___ OTHER ___ | | |
| D. SYSTEM/ITEM Space TT&C AVE I1 | | E. CONTRACT/PR NO. | | F. CONTRACTOR | | |
| 1. DATA ITEM NO. D034 | 2. TITLE OF DATA ITEM Configuration Audit Summary Report | | | 3. SUBTITLE | | |
| 4. AUTHORITY (Data Acquisition Document No.) DI-CMAN-81022C | | 5. CONTRACT REFERENCE TSRD para 22 | | 6. REQUIRING OFFICE NSA I2521 | | |
| 7. DD 250 REQ LT | 9. DIST STATEMENT C | 10. FREQUENCY One/R | 12. DATE OF 1ST SUBMISSION NLT 30 days after each audit | 14. DISTRIBUTION | | |
| 8. APP CODE A | | 11. AS OF DATE 0 | 13. DATE OF SUBSEQUENT SUBMISSION See blk 16 | a. ADDRESSEE | b. COPIES | |
| 16. REMARKS Separate reports are required for each audit. Blk 13: NLT 30 days after receipt and incorporation of government comments, as required PCA Report approval required prior to certification See TSRD Appendix C for general requirements for format, media, and miscellaneous information. Block 14: Post CDRL submittal to website and send electronic Letter of Transmittal to amado3.vera@lackland.af.mil (PM), felma.robertson@lackland.af.mil (PCO), and nickey.forge.ctr@lackland.af.mil (DM). | | | | | Draft | Final |
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17. PRICE GROUP

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(1 Data Item)

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|---|--|---|--|--|--|
| A. CONTRACT LINE ITEM NO. 0001, 0002,0003 | | B. EXHIBIT D | | C. CATEGORY: TDP ___ TM ___ OTHER ___ | |
| D. SYSTEM/ITEM Space TT&C AVE I1 | | E. CONTRACT/PR NO. | | F. CONTRACTOR | |
| 1. DATA ITEM NO. D035 | | 2. TITLE OF DATA ITEM COMESec Anonymity Plan | | 3. SUBTITLE | |
| 4. AUTHORITY (Data Acquisition Document No.) DI-MGMT-90051 | | 5. CONTRACT REFERENCE TSRD para 10 | | 6. REQUIRING OFFICE NSA PMO | |
| 7. DD 250 REQ LT | | 9. DIST STATEMENT C | | 10. FREQUENCY As req | |
| 8. APP CODE A | | 11. AS OF DATE | | 12. DATE OF 1ST SUBMISSION As req | |
| 16. REMARKS | | 13. DATE OF SUBSEQUENT SUBMISSION See blk 16 | | 14. DISTRIBUTION | |
| <p>Blk 13: Government requires 15 days to review and comment on each submission.</p> <p>See TSRD Appendix C for general requirements for format, media, and miscellaneous information.</p> <p>Block 14: Post CDRL submittal to website and send electronic Letter of Transmittal to amado3.vera@lackland.af.mil (PM), felma.robertson@lackland.af.mil (PCO), and nickey.forge.ctr@lackland.af.mil (DM).</p> | | a. ADDRESSEE | | b. COPIES | |
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| | | | | J. DATE 8 Feb 06 | |

17. PRICE GROUP

**18. ESTIMATED
TOTAL PRICE**

| Data item | Title | Applicability | | |
|-----------|--|---------------|-----|-----|
| | | ES | ECU | STE |
| A001 | Status Report | | | |
| A002 | Integrated Master Schedule | | | |
| A003 | Conference Agenda | | | |
| A004 | Report, Record of Meeting/Minutes | | | |
| A005 | Briefing Material | | | |
| A006 | Data Accession List | | | |
| B001 | Systems Engineering Management Plan | | | |
| B002 | Contractor's Configuration Management Plan | | | |
| B003 | System Specification | X | X | X |
| B004 | Item Performance Specification | X | X | X |
| B005 | Interface Requirements Specification | X | X | X |
| B006 | Detail Specification Document | X | X | X |
| B007 | Interface Design Description (IDD) | X | X | X |
| B008 | Preservation and Packaging Data | X | X | |
| B009 | Failure Analysis and Corrective Action Report | X | X | |
| B010 | Commercial off the shelf Manual and associated Supplemental Data | | | X |
| B011 | Logistics Management Information | X | X | X |
| B012 | Destruction Physical Analysis Plan | X | X | |
| B013 | Destruction Physical Analysis Report | X | X | |
| B014 | Reliability Prediction and Documentation of Supporting Data | X | X | |
| B015 | Test and Evaluation Program Plan | X | X | X |
| B016 | Test Plan | X | X | X |
| B017 | Acceptance Test Plan | X | X | |
| B018 | Test Procedures | X | X | X |
| B019 | Test/Inspection Report | X | X | X |
| B020 | Training Program Development and Management Plan | X | X | X |
| B021 | Training Conduct Support Document | X | X | X |
| B022 | Course Conduct Information Package | X | X | X |
| B023 | Scientific and Technical Reports | X | X | X |
| B024 | System/Subsystem Design Description (SSDD) | X | X | |
| B026 | Special Equipment Other Provisioning Parts List | | | X |
| B027 | Engineering Change Proposal | X | X | X |
| B028 | Request for Deviation | X | X | X |
| B029 | Parts Management Plan | X | X | |
| C001 | Contract Performance Report | | | |
| D001 | Not used | | | |
| D002 | Fail Safe Design and Analysis (FSDA) Documentation | X | X | |

| Data item | Title | Applicability | | |
|-----------|---|---------------|-----|-----|
| | | ES | ECU | STE |
| D003 | Theory of Design & Operation (TDO) Documentation | X | X | |
| D004 | Theory of Compliance (TOC) | X | X | |
| D005 | Security Verification (SV) Plan/Report | X | X | |
| D006 | TEMPEST Control Plan | X | X | |
| D007 | TEMPEST Test Plan | X | X | |
| D008 | TEMPEST Test Report | X | X | |
| D009 | Configuration Control Documentation | X | X | X |
| D010 | Engineering Drawings, Computer Software and Configuration Item Database | X | X | X |
| D011 | Configuration Audit Plan | X | X | X |
| D012 | In-Process Accounting Procedures Documentation | X | X | X |
| D013 | Key Management Plan | X | X | |
| D014 | Interface and Operator's Guide | X | X | X |
| D015 | Course Conduct Information Package | X | X | X |
| D016 | Maintenance Manuals | X | X | X |
| D017 | Security Production Assurance | X | X | |
| D018 | Software Requirements Specification (SRS) | X | X | X |
| D019 | Software Test Plan | X | X | X |
| D020 | Software Test Report (STR) | X | X | X |
| D021 | Software Development Plan (SDP) | X | X | X |
| D022 | Software Product Specification (SPS) | X | X | X |
| D023 | Software Test Description (STD) | X | X | X |
| D024 | Software Design Description (SDD) | X | X | X |
| D025 | Software Version Description | X | X | X |
| D026 | Final QUADRANT Report | X | X | |
| D027 | Covert Channel Analysis Report | X | X | |
| D028 | Integrated Circuit Graphics Database | X | X | |
| D029 | Computer-aided Chip Development Data | X | X | |
| D030 | Computer-aided Cell Development Data | X | X | |
| D031 | Key Specification | X | X | |
| D032 | Nuclear Survivability Test Plan | X | X | |
| D033 | Nuclear Survivability Test Report | X | X | |
| D034 | Configuration Audit Summary Report | X | X | X |
| D035 | COMSEC Anonymity Plan | X | X | X |

**Statement of Objectives
for the Space Telemetry, Tracking and Control (TT&C)
Aerospace Vehicle Equipment (AVE)
Increment 1 (I1)**

7 February 2006

STATEMENT of OBJECTIVES

Space Telemetry, Tracking, and Control (TT&C) Aerospace Vehicle Equipment (AVE) Increment 1 (I1)



February 7, 2006

**Prepared by:
Cryptologic Systems Group/Special Projects Directorate
(CPSG/ZJ)
250 Hall Blvd., Suite 132
Lackland AFB, TX 78243**

STATEMENT OF OBJECTIVES (SOO)
FOR
SPACE TELEMETRY, TRACKING, AND CONTROL (TT&C)
AEROSPACE VEHICLE EQUIPMENT (AVE)
INCREMENT 1 (I1)

1. BACKGROUND: The Space Telemetry, Tracking, and Control (TT&C) Cryptographic Modernization (CM) aerospace vehicle equipment (AVE) increment 1 (I1) program is acquiring new cryptographic devices to meet COMSEC requirements for future satellite programs. This next generation one-time programmable COMSEC device will replace the application specific integrated circuit (ASIC)-based COMSEC devices currently being used by existing satellite programs. This effort is part of the National Security Agency's (NSA) initiative to modernize the Department of Defense (DoD) cryptographic devices.

2. SCOPE: The AVE I1 device will be an NSA Type 1 certified space flight TT&C COMSEC device. It shall consist of a one-time programmable hardware solution that can be programmed with different algorithms for command and telemetry applications. The AVE I1 shall consist of two separate form factors: an embeddable solution and a standalone end cryptographic unit (ECU) which shall be based on the embeddable solution.

3. OBJECTIVES

The objective of this task is to design, develop, test, and field a new NSA Type 1 certified space TT&C COMSEC capability. The contractor shall design, develop, and demonstrate the device to meet all performance and security requirements. The contractor shall develop and deliver a capability to sustain the devices. The contractor shall document the hardware design, interfaces, and developed software/firmware.

A. Technical objectives

- Design devices that meet all technical requirements document (TRD) thresholds and as many objectives as possible within cost and schedule constraints
- Design and develop prototype embeddable solutions to demonstrate BELSHAZZAR and CARDHOLDER functionality.
- Design and develop production-representative embeddable solutions (ESSs) and end cryptographic units (ECUs) to be used as qualification test articles.
- Produce and deliver space flight qualified and NSA certified ECUs and embeddable solutions in the quantities specified in the contract.
- Design, develop, test, document, and deliver system test equipment.

- Develop, validate, and deliver all technical data required to integrate the devices into satellites, and to sustain the devices

B. Program Management objectives

- Develop, maintain and use a fully integrated contractor work breakdown structure (CWBS), contractor statement of work (CSOW) and integrated master schedule (IMS) to support delivery of the prototype units, qualification test articles, production units, test equipment, technical data, training, all Government identified Contract Data Requirement List (CDRLs) items, and any contractor identified CDRLs
- Provide maximum insight into cost, schedule, and development status through the contractor's progress, status, and management reports.
- Apply sound and best systems engineering principles that incorporate design reviews and audits (to include System Requirements Review (SRR), Software Requirements Review, Preliminary Design Review (PDR), Critical Design Review (CDR), Test Readiness Review(s), Functional Configuration Audit (FCA), Physical Configuration Audit (PCA), Final Design Review (FDR), and Production Readiness Review), risk management, and periodic technical interchange meetings
- Implement an earned value management system to plan, schedule, budget, monitor, manage, and report cost, schedule, and technical status. Conduct an Integrated Baseline Review (IBR) as soon as possible after the work to be accomplished under this effort can be defined by the contractor.

C. Test and Evaluation objectives

- Plan, conduct, and report on a robust test process to 1) verify the Space TT&C AVE II units meet all of the Performance Specification requirements, 2) qualify the ECUs and the embeddable test articles for space flight, and 3) obtain NSA Type 1 security certification.

D. Logistics objectives

- Design the system to minimize life cycle cost

E. Training objectives

- Develop, present, and deliver an initial depot maintenance course of instruction

| III | 5 | VOLUME III – PAST PERFORMANCE | 35* | 1 | 3 | 1 |
|-----|-----------|--|-----------|---|---|---|
| | 5.1(a) | Executive Summary | | | | |
| | 5.1(b) | Table of Contents | | | | |
| | 5.1(c) | List of Tables and Figures | | | | |
| | 5.1(d) | Glossary of Abbreviations and Acronyms | | | | |
| | 5.2.1 | Past Performance Summary | | | | |
| | 5.4 | Organization Structure Change History | | | | |
| | 5.6&5.6.1 | Relevancy | | | | |
| | 5.10 | Consent Letters | | | | |
| | 5.11 | Client Authorization Letters | | | | |
| IV | 6 | VOLUME IV COST/PRICE | Unlimited | 1 | 2 | 1 |
| | 6.2 | Table of Contents | | | | |
| | 6.3.1 | Estimating System | | | | |
| | 6.3.2 | Purchasing System | | | | |
| | 6.3.3 | Accounting System | | | | |
| | 6.3.4 | Cost/Price Summary | | | | |
| | 6.4 | Required Cost Information | | | | |

* Page limitations do not apply to the Past Performance Information Sheets, Client Authorization Letters, Consent Letters, and **Past Performance Questionnaires**.

** Page limitations do not apply to Contractor Statement of Work (CSOW), Contractor Work Breakdown Structure (CWBS), CWBS Dictionary, Integrated Master Plan, Schedule (reference Section L, paragraph 4.8.3) and Design Approach Cross-reference Table.

2.3 Proposal Format

2.3.1 Guidance

- This section of the ITO provides general guidance for preparing proposals as well as specific instructions on the format and content of the proposal.
- The Offeror's proposal must include all data and information requested by the ITO and must be submitted in accordance with these instructions.
- All the requirements specified in this solicitation are mandatory.
- You are representing that your firm will perform all the requirements specified in the solicitation by submitting your proposal.
- These instructions are intended to elicit brief and specific responses. However, simply stating that the Offeror understands and intends to comply with this effort, or paraphrasing statements in the RFP is inadequate.
- The offer shall be compliant with the requirements as stated in the RFP.

2.3.2 Sufficient Detail

- The proposal shall be clear, concise, and shall include sufficient detail for effective evaluation and for substantiating the validity of stated claims.

Table 3.4 – Solicitation Exceptions

| SOLICITATION Document | Paragraph/ Page | Requirement/ Portion | Rationale |
|---|---------------------------------------|---|---|
| Contract Clause, RFP paragraph, Model Contract, ITO, etc. | Applicable Page and Paragraph Numbers | Identify the requirement or portion to which exception is taken | Justify why the requirement will not be met |

3.5 Model Contract / Representations and Certifications

- (a) The purpose of this section is to provide information to the Government for preparing the contract document and supporting file.
- (b) The Offeror's proposal shall include a signed copy of Sections A through K. This includes:

3.5.1 Section A - Solicitation/Contract Form

Completion of blocks 13, 14, 15 A, B, C, 16, and signature and date for blocks 17 and 18 of SF 33. Signature by the offeror on the SF 33 constitutes an offer, which the Government may accept. The "original" copy (of the SF33 only) should be clearly marked under separate cover and should be provided without any punched holes.

3.5.2 Section B - Supplies or Services and Costs/Prices

To be completed by offeror.

3.5.3 Section F - Deliveries or Performance

To be completed by offeror.

3.5.4 Section G - Contract Administrative Data

To be completed upon contract award.

3.5.5 Section H - Special Contract Requirements**3.5.6 Section I - Contract Clauses****3.5.7 Section K - Representations, Certifications, and other Statements of Offerors**

Complete representations, certifications, acknowledgments and statements.

3.6 Attachments to the Model Contract

The following is a list of attachments or exhibits, which will be made part of each contract upon award and shall be attached to the offeror's model contract submitted in Volume I.

- (a) Technical Requirements Document
- (b) Contractor Statement of Work
- (c) Integrated Master Plan
- (d) Contractor Work Breakdown Structure (CWBS) and CWBS Dictionary
- (e) Exhibits – Contract Data Requirements Lists (DD Forms 1423)
- (f) DD254
- (g) Telecommunications Security Requirements Document
- (h) Unified INFOSEC Criteria

3.7 Financial Responsibility

(a) Offerors shall provide the last three (3) years of financial statements, and year-to-date financial information through the last quarter available. If audited, reviewed, compiled or certified financial statements are available, these shall be submitted.

(b) The above information shall be provided for the prime. If the prime is a combination of firms (for example, a partnership or joint venture), discuss the financial responsibilities among the companies. Historical and year-to-date financial data shall be submitted for each company that makes up the prime, and the ability to fund contract performance shall be addressed for the combined firm.

(c) Offerors and teaming partners that are anticipated to perform 20 percent or more of the work should send an email to the Contracting Officer to request the Financial Capability Risk Assessment immediately upon receipt of the RFP. The following information must be provided to the CO in order to initiate an accounting system review by DCAA: Firm name, POC and full contact information to include address, phone, fax, internet address, and cognizant DCAA office. The Government requests the information not later than 15 days after the release of the RFP. Failure to submit early proposal information will not result in offeror disqualification.

3.8 Teaming

- (a) All *team members* must have a signed *Teaming Arrangement* (TA) or *Letter of Intent* (LOI).
 - (1) If any first-tier subcontractor is projected to perform more than 20% of all work on the contract, a signed TA or LOI shall be provided for that subcontractor.
 - (2) First-tier subcontractors projected to perform less than 20% of all work on the contract may be included as *team members* at the Prime's discretion. If included as a *team member*, a signed TA or LOI shall be provided for that subcontractor.
- (b) A subcontractor without a TA or LOI with the Offeror is NOT considered as part of the "*team*" and will not be evaluated as such.
- (c) Mission Capability, Past Performance Information, and Past Performance Questionnaires submitted for subcontractors without a TA or LOI will not be evaluated.
- (d) The Government will consider the Offeror and all subcontractors a "*team*" when evidence of a signed TA or LOI is provided in Volume I, Contracting.
- (e) A Joint Venture (JV) will be considered a sole business entity.
- (f) Mentor-Protégé (M-P) is a relationship and not a business entity. M-Ps require formal TAs or LOIs to qualify for consideration as a *team member*.
- (g) If a contractor large or small business proposes as a prime contractor, subcontractor, or *team member* on this acquisition, then it cannot participate on any other proposal in response to this solicitation.**
- (h) The proposal shall present a complete, coherent presentation of *team* abilities as applicable.

4. VOLUME II – TECHNICAL

4.0 Volume Organization

- (a) Executive Summary (duplication of executive summary in Volume I, Contract Documentation)
- (b) Table of Contents
- (c) List of Tables and Figures
- (d) Glossary
- (e) Contractor Statement of Work
- (f) Contractor Work Breakdown Structure
- (g) Integrated Master Plan
- (h) Technical Approach
- (i) Corporate Experience
- (j) Management Approach
- (k) Systems Engineering
- (l) Proposal Risk
- (m) Classified Information

4.1 Standard Proposal Information

- (a) Provide a duplicate copy of the executive summary narrative as required in Volume I, Contracting, ITO paragraph 3.1.
- (b) Provide a Table of Contents for Volume II per ITO paragraph 2.3.7.
- (c) Provide a List of Tables and Figures for Volume II per ITO paragraph 2.3.8.
- (d) Provide a Glossary of Abbreviations and Acronyms for Volume II per ITO paragraph 2.3.9.

4.2 General

- (a) The Technical Volume shall be specific and complete.
- (b) Commercials are not wanted and will not be evaluated. Hard evidence of capabilities is required to receive credit for evaluation factors.
- (c) Legibility, clarity, and coherence are very important.
- (d) Your responses will be evaluated against the Factors defined in Section M, Evaluation Factors for Award.
- (e) Provide as specifically as possible, the actual methodology you would use for accomplishing and satisfying the requirements.

4.3 Contractor Statement of Work (CSOW)

The offeror shall use the Government SOO, TRD, Tailored UIC, and TSRD to develop an overall program CSOW that is structured to correlate with the CWBS. Emphasize the events associated with NSA Type I certification and space flight qualification. ***Ensure quantities of prototypes and test articles as well as associated testing are included.*** The proposed CSOW, when accepted by the Government, will be incorporated into any subsequent contract.

4.4 Contractor Work Breakdown Structure (CWBS) and Dictionary

The offeror shall propose a CWBS and CWBS Dictionary using MIL-HDBK-881 as a guide. The CWBS shall consist of three or more levels to identify work packages for cost/schedule control purposes and be consistent with the Offeror's business processes, the SOO, and the TRD. Ensure all integrated test-related work is captured in the CWBS.

4.5 Integrated Master Plan (IMP)

The IMP shall be a concise, specific, and complete document prepared by the offeror. The offeror's IMP shall document the significant accomplishments necessary:

- a) to design, develop, test, certify, space qualify, and deliver the product defined in the TRD;
- b) to achieve the objectives in the SOO; and,
- c) to meet the delivery requirements in SECTIONS B and F of this RFP.

The IMP shall have direct correlation with the events contained in the IMS and the CWBS. The program milestones described in the IMP shall be event-oriented and represent the offeror's integrated product development approach (IPPD - see Attachment L-5) that encompasses all deliverable products (hardware and other items) and all functional areas (engineering, test, manufacturing, logistics, training, supportability, human factors, safety, quality, configuration management, program management, subcontract and associate contractor relationships, etc.). The IMP shall also include a narrative to discuss the events, the required accomplishments for each event, the criteria for each accomplishment, and how the offeror shall manage these tasks to achieve a successful program (see Attachment L-6). The IMP shall include the offeror's management structure and how it supports and implements Integrated Product Process Development (IPPD – see Attachment L-5). The proposed IMP, when accepted by the Government, will be incorporated into any subsequent contract.

4.6 Technical Approach (Mission Capability Subfactor 1.1)

The offeror shall describe its design approach and how it will meet all requirements identified in the TRD, Tailored UIC, and TSRD. Substantiate the performance by explaining how the design will achieve the

thresholds or objectives. Do not merely restate the requirements specified in the solicitation. Discuss all performance and security trade-offs used in developing the proposed design approach. Provide relevant analysis such as test data, test reports, or commercial/Government standards to substantiate how the proposed design approach will meet the requirements. Describe experience in the development and production of any technology proposed to be employed in the design. Also, provide the following information:

- a) Describe how you intend to apply any space specifications and standards, including tailoring for this specific device.
- b) Describe your approach to testing and evaluation, including the prototype demonstration, qualification testing, cryptographic verification and security certification-related testing, acceptance testing, and any other informal testing you propose. Specify and explain the number, sequencing, and allocation of prototypes and qualification test articles needed to support the T&E effort, and identify which tests are anticipated to be destructive, or otherwise will require repair, refurbishment, or replacement actions.
- c) Describe how you propose to integrate the software with the hardware.
- d) Correlate the elements of your approach to NSA Type I certification and space flight qualification.
- e) Describe and provide rationale for the proposed allocation of security requirements between the embeddable module and ECU versions of the product, and the proposed sub-allocation of security requirements between hardware, software, and firmware implementations.
- f) Describe the planned technology and methodology for programming, identify the controls governing the programming process, and identify any perceived risks to certification (and their planned mitigations).
- g) Describe the planned software development and testing methodology (including verification and validation) to be employed with respect to security-relevant or –critical code
- h) Describe the anticipated long-term effects of radiation on the features and technologies associated with the programmability of these devices, and any design approaches to counteract these effects.

In addition, provide a cross-reference in the following format for **ALL** TRD requirements:

Design Approach Cross-Reference Table

| TRD Requirement No. | Location of Offeror's Discussion/Substantiation (Proposal Page/Paragraph Number) | Indicate Whether Threshold or Objective is Met |
|---------------------|---|---|
| | | |

4.7 Corporate Experience (Mission Capability Subfactor 1.2)

For all of the following elements, provide evidence of your experience. Corporate experience for the Offeror can include *team member* experience for the proposed effort.

4.7.1 Element 1.2.1 Space Electronics Design

The offeror shall provide evidence of a minimum of three years within the past seven years of government and/or commercial experience designing and integrating space electronics subject to volume, power, and weight constraints. Only the portion of the performance of the effort within the past seven years of the date of this solicitation will be considered. The required years of experience are not additive, i.e., effort performed concurrently cannot be added together. Provide evidence that this design experience resulted in at least one device that successfully operated in space by identifying the host spacecraft, launch date and time in operations to date. Provide the following information for each effort submitted as evidence of experience:

- (a) Award/start date
- (b) Period of performance
- (c) Customer
- (d) Type of contractual vehicle

- (l) Lead - The amount of time of the overlap between where a successor task begins and a predecessor task completes.
- (m) Lag - The amount of time between the end of a predecessor task and the beginning of a successor task.
- (n) Critical Path - A sequence of activities in the network that has the longest total duration through the program/project. Activities along the critical path have zero or negative slack/float. It should be easily distinguished on the report formats.
- (o) Target Start (TS) - Date when an activity should start.
- (p) Target Complete (TC) - Date when an activity should finish.
- (q) Actual Start (AS) - Actual start date of an activity.
- (r) Actual Finish (AF) - Actual finish date of an activity.
- (s) Early Start (ES) - The earliest date an activity can start.
- (t) Early Finish (EF) - The earliest date an activity can end.
- (u) Late Start (LS) - The latest date an activity can start without delaying the program/project target completion date.
- (v) Late Finish (LF) - The latest finish date an activity can have without affecting the program/project target completion date.
- (w) Gantt Chart - A graphical display of program activities and key milestones that depict work activities in an integrated fashion. Activities are represented by bars showing the length of time for each activity.

4.8.4 Element 1.3.4 Corporate Process Maturity

Provide a photocopy of the current CMMI-SW Version 1.1 or later (Staged) Maturity Level III, by an SEI-authorized third party appraiser, for the specific subsidiary and division of the company proposing to perform the software effort (whether it be prime or sub). Additionally, offerors are encouraged to include a photocopy, if any, of the current CMMI-SW Version 1.1 or later (Staged) Maturity Level IV or higher, by an SEI-authorized third party appraiser. Additionally, prime contractors for this proposed effort are encouraged to include a photocopy, if any, of a current CMMI-SE/SW Version 1.1 or later (Staged) Maturity Level III or higher, by an SEI-authorized third party appraiser.

4.9 Systems Engineering (Mission Capability Subfactor 1.4)

Subfactor 1.4 – Systems Engineering

4.9.1 Fully Integrated CSOW, CWBS, IMP & IMS for the AVE Device Program

The Offeror shall present a fully integrated set of documents consisting of the Contractor Statement of Work (CSOW) (Ref Section L, para 4.3), Contractor Work Breakdown Structure (CWBS) (Ref Section L, 4.4), Integrated Master Plan (IMP) (Ref Section L, para 4.5), and Integrated Master Schedule (IMS) (Ref Section L, 4.8.3). This set of documents will present detailed insight for those systems engineering process taskings and activities that will be implemented, controlled and accomplished during this proposed effort. These four documents must correlate with one another to show traceability from the government SOO to the offeror's CSOW, CWBS, IMP & IMS. These documents must give clear visibility into the overall systems engineering approach for this proposed effort.

4.9.2 Requirements Analysis, Functional Analysis/Allocation, and Design Synthesis

The Offeror shall provide a description of the approach, methods, procedures and tools used to do the following:

- (a) Define functional and performance requirements.
- (b) Define design constraint requirements
- (c) Describe how the system functional architecture will be developed
- (d) Describe how the functional architecture will be transformed to a physical architecture
- (e) Describe how the alternative system solutions will be analyzed and presented to the government

4.9.3 System Analysis & Control Mechanisms

The Offeror shall describe the technical activities that will measure progress, evaluate and select alternative solutions, and document data and decisions. Specifically address system analysis activities such as design analyses, trade-off analyses (e.g. provides assessment of alternative designs for a preferred solution) and cost effectiveness analyses (e.g. provides assessment of alternative solution performance relative to cost).

Also, the Offeror shall describe how its technical activities address system control mechanisms such as Configuration Management, Interface Management, Technical Performance Measurement (e.g. metrics that track design progress toward meeting customer requirements) and event-based Technical Reviews and Audits.

4.9.4 Primary System Functions (Logistics Planning)

Describe the logistics planning, analysis, and execution tasks for the AVE Device Program. Provide a general description of how you plan to implement the SE process for the following primary system functions: training, deployment, operations, support and disposal. Also, discuss the anticipated maintenance requirements at the depot level. Present any risks/issues (cost, schedule, performance) with meeting the supportability and maintenance requirements.

4.10 Proposal Risk

There are no separate submittal requirements (volume) for Proposal Risk. The Offeror shall integrate the following into its Mission Capability submittal as applicable.

- (a) The Offeror shall identify any risks associated with implementation of Mission Capability requirements and how it intends to mitigate those risks.
- (b) State whether the Offeror or *team members* have successfully used the proposed Mission Capability approaches. If not, the Offeror shall describe how it intends to mitigate the risks associated with implementation of Mission Capability requirements.

4.11 Classified Information

Where classified information is required in your response, it shall be provided as a classified annex to Volume II Technical. The annex shall be titled – Classified Annex to Volume II - Technical. Each entry in the classified annex shall be referenced to the page number and paragraph to which it applies. Similarly, a reference shall be placed in the unclassified volume where the classified insert applies. The classified annex shall be separately bound with the applicable security designation color cover, conforming to DD Form 254 requirements. All organization and formatting instructions of this RFP apply to the annex. **Classified information up to Secret classification can be mailed by US Postal Registered Mail or US Postal Express to: CPSG/ZJJ, 250 Hall Blvd, Ste 132, San Antonio, TX 78243, Attn: Amado Vera.**

5. VOLUME III – PAST PERFORMANCE

5.0 VOLUME ORGANIZATION

- (a) Executive Summary (duplication of executive summary in Volume I, Contract Documentation)
- (b) Table of Contents

designated as the Cost/Price volume. ***Except as required in Section L, para 3.5.2, under no circumstances shall this information and documentation be included elsewhere in the proposal.***

6.1.3 Cost or Pricing Information Requirements

In accordance with FAR 15.403-5(b)(1), (2), and (3) the offeror's format for submitting such information should be used unless the contracting officer decides that use of a specific format is essential and the format has been described in the solicitation. In accordance with 15.403-1(b) and 15.403-3(a), information other than cost or pricing data will be required to support Cost/Price realism and price (or Cost/Price, as applicable) reasonableness.

6.2 Volume Organization

The Cost/Price volume shall consist of the following sections:

SECTION 1 - Table of Contents, summary descriptions of estimating, purchasing, and accounting systems; changes to estimating or accounting practices or CAS Disclosure Statement.

SECTION 2 - Price Proposal and supporting data, to include estimating methodology.

6.3 Estimating Methodology

6.3.1 Estimating System

Provide a summary description of your standard estimating system or methods. The summary description shall cover separately each major Cost/Price element (e.g., Direct Material, Direct Labor, Indirect Costs, Other Direct Costs). Also, identify any deviations from your standard estimating procedures in preparing this proposal volume. Indicate whether you have Government approval of your system and if so, provide evidence of such approval.

6.3.2 Purchasing System

Provide a summary description of your purchasing system or methods (e.g., how material requirements are determined, how sources are selected, when firm quotes are obtained, what provision is made to ensure quantity and other discounts). Also, identify any deviations from your standard procedures in preparing this proposal. Indicate whether you have Government approval of your system and if so, provide evidence of such approval.

6.3.3 Accounting System

Due to any resulting contract award being Cost Plus Fixed Fee, the offeror must have an accounting system that has been determined adequate for determining costs applicable to the contract in order to receive an award. The offeror shall provide evidence of such determination in the cost/price volume. **Offerors who do not have Government approval of their accounting system, but wish to propose on this acquisition, should contact the Contracting Officer (CO) immediately upon receipt of the RFP.** The following information must be provided to the CO in order to initiate an accounting system review by DCAA: Firm name, POC and full contact information to include address, phone, fax, internet address, and cognizant DCAA office. The Government requests the information not later than 15 days after the release of the RFP. Failure to submit early proposal information will not result in offeror disqualification. Also, identify any deviations from your standard procedures in preparing this proposal.

6.3.4 Cost/Price Summary by Cost/Price Elements

Provide a Cost/Price summary by major Cost/Price element and by Contractor's Fiscal Year. The contractor's own formats are acceptable as long as they include the required information.

Suggested Format:

| Cost Elements | HOURS | RATES | AMOUNT |
|---------------|-------|-------|--------|
| Direct Labor | | \$ | \$ |
| Category A | | \$ | \$ |
| Category B | | \$ | \$ |

shall not be rolled up into an overall color rating for the Subfactor rating. Subfactor ratings shall not be rolled up into an overall color rating for the Mission Capability factor. In arriving at a best value decision, the Government reserves the right to give positive consideration for performance in excess of threshold requirements.

| COLOR | RATING | DEFINITION |
|--------|--------------|---|
| BLUE | EXCEPTIONAL | Exceeds specified minimum performance or capability requirements in a way beneficial to the government; proposal must have one or more strengths and no deficiencies to receive a blue. |
| GREEN | ACCEPTABLE | Meets specified minimum performance or capability requirements delineated in the Request for Proposal; proposal rated green must have no deficiencies but may have one or more strengths. |
| YELLOW | MARGINAL | Does not clearly meet some specified minimum performance or capability requirements delineated in the Request for Proposal, but any such uncertainty is correctable. |
| RED | UNACCEPTABLE | Fails to meet specified minimum performance or capability requirements; proposal has one or more deficiencies. Proposals with an unacceptable rating are not awardable. |

(1) Subfactor 1.1 – Technical Approach

(a) Element 1.1.1: Design & Development Concept - This element is met when the Offeror's proposed Design & Development Concept meets all of the following:

- A sound and realistic design approach that meets all threshold requirements in the Technical Requirements Document (TRD). In addition to the above minimum requirements, it is desirable for the Offeror's proposed system to meet the objectives in the TRD. The design approach must substantiate how the offeror will meet all thresholds and the proposed objectives.

- A sound application of space specifications and standards
- A sound approach to testing and evaluation
- A sound approach to software integration

(b) Element 1.1.2: Certifiability - This element is met when the Offeror's proposed Design & Development Concept, Integrated Master Plan (IMP), and Contractor Statement of Work (CSOW) have a sound and realistic approach to *certifiability* based upon technology employed. The approach must substantiate how the offeror will achieve certification of its proposed Aerospace Vehicle Equipment (AVE).

(c) Element 1.1.3: Space Flight Qualification - This element is met when the Offeror's proposed Design & Development Concept, IMP, and CSOW have a sound and realistic approach to *space flight qualification*. The approach must substantiate how the offeror will achieve space flight qualification of its proposed AVE.

(2) Subfactor 1.2 - Corporate Experience

(a) Element 1.2.1: Space Electronics Design: Offeror shall have a minimum of three years within the last seven years of government and/or commercial experience designing and integrating space electronics subject to volume, power, and weight constraints. The required years of experience are not additive, i.e., effort performed concurrently cannot be added together. This design experience must have resulted in at least one device that successfully operated in space.

This element is met when the Offeror presents a sound IMS that meets the delivery schedule in Section F for the proposed effort.

(d) Element 1.3.4 – Corporate Process Maturity

As a minimum, the offeror must be appraised CMMI-SW Version 1.1 or later (Staged) Maturity Level III, by an SEI-authorized third party appraiser, for the specific subsidiary and division of the company (whether it be prime or subcontractor) proposing to perform the software effort. It is desirable for the offeror to be appraised CMMI-SW Version 1.1 or later (Staged) Maturity Level IV or higher, by an SEI-authorized third party appraiser, for the specific subsidiary and division of the company (whether it be prime or subcontractor) proposing to perform the software effort. It is also desirable for the prime contractor to be appraised CMMI-SE/SW version 1.1 or later (Staged) Maturity Level III or higher, by an SEI-authorized third party appraiser.

(4) Subfactor 1.4 – Systems Engineering (SE) This subfactor is met when the offeror presents a design proposal that:

(a) Has a fully integrated CSOW, CWBS, IMP and IMS which incorporates a sound and effective SE approach for development, verification and fielding of the device;

(b) Has a sound SE approach that achieves effective requirements analysis, functional analysis/allocation and design synthesis for the proposed effort;

(c) Has a sound SE approach that provides effective system analysis & control mechanisms for the proposed effort; and

(d) Has a sound and effective SE approach to satisfy the logistics planning functions identified in Section L, paragraph 4.9.4.

(5) Subfactor 1.5 – Small Business Participation (If a subcontracting plan is required by FAR 19.7)

The subfactor is met when the subcontracting plan demonstrates the following:

The Prime demonstrates a valid corporate commitment between all parties in providing subcontracting opportunities for small business, small disadvantaged business (SDB), women-owned small business, veteran-owned small business concerns, service disabled veteran-owned small businesses, HUBZone small business.

(5) Subfactor 1.5 – If a subcontracting plan is NOT required by FAR 19.7, the minimum requirement of this subfactor has been met.

d. Factor 2 - Proposal Risk

Each subfactor and element under the Mission Capability factor will also be a subfactor and element under the Proposal Risk factor. Proposal risk assessment focuses on the risks and weaknesses associated with an Offeror's proposed technical approach and management. It includes the potential for disruption of schedule, increased cost, degradation of performance, and the need for increased Government oversight, as well as the likelihood of unsuccessful contract performance. For each identified risk, the assessment also addresses the Offeror's proposal for mitigating the risk and why that approach is or is not manageable. Each Proposal Risk subfactor, or element if used, will receive one of the following ratings:

| RATING | DEFINITION |
|--------|---|
| HIGH | Likely to cause significant disruption of schedule, increased cost, or degradation of |

Technical Requirements Document

This document is sensitive or classified and will be transmitted only to qualified offerors with the appropriate security clearance and cleared facility. Please refer to Section L, para 2.1.3 for instructions on obtaining this document.

DD 254, Department of Defense Contract Security Classification Specificaion

| DEPARTMENT OF DEFENSE CONTRACT SECURITY CLASSIFICATION SPECIFICATION <i>(The requirements of the DoD Industrial Security Manual apply to all security aspects of this effort.)</i> | | | | 1. CLEARANCE AND SAFEGUARDING a. FACILITY CLEARANCE REQUIRED <div style="text-align: center; border: 1px solid black; padding: 2px;">SECRET</div> b. LEVEL OF SAFEGUARDING REQUIRED <div style="text-align: center; border: 1px solid black; padding: 2px;">SECRET/NOFORN</div> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| 2. THIS SPECIFICATION IS FOR: <i>(X and complete as applicable)</i> | | | | 3. THIS SPECIFICATION IS: <i>(X and complete as applicable)</i> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| a. PRIME CONTRACT NUMBER | | <input checked="" type="checkbox"/> | | a. ORIGINAL <i>(Complete date in all cases)</i> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | DATE (YYYYMMDD) 20051118 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| b. SUBCONTRACT NUMBER | | | | b. REVISED <i>(Supersedes all previous specs)</i> | REVISION NO. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | DATE (YYYYMMDD) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <input checked="" type="checkbox"/> c. SOLICITATION OR OTHER NUMBER FA8307-05-R-0006 | | DUE DATE (YYYYMMDD) | | c. FINAL <i>(Complete Item 5 in all cases)</i> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | DATE (YYYYMMDD) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4. IS THIS A FOLLOW-ON CONTRACT? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO. If Yes, complete the following: Classified material received or generated under _____ <i>(Preceding Contract Number)</i> is transferred to this follow-on contract. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5. IS THIS A FINAL DD FORM 254? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO. If Yes, complete the following: In response to the contractor's request dated _____, retention of the classified material is authorized for the period of _____. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 6. CONTRACTOR <i>(Include Commercial and Government Entity (CAGE) Code)</i> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| a. NAME, ADDRESS, AND ZIP CODE N/A | | b. CAGE CODE N/A | | c. COGNIZANT SECURITY OFFICE <i>(Name, Address, and Zip Code)</i> N/A | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7. SUBCONTRACTOR | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| a. NAME, ADDRESS, AND ZIP CODE N/A | | b. CAGE CODE N/A | | c. COGNIZANT SECURITY OFFICE <i>(Name, Address, and Zip Code)</i> N/A | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 8. ACTUAL PERFORMANCE | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| a. LOCATION REFER TO ITEM #13 | | b. CAGE CODE N/A | | c. COGNIZANT SECURITY OFFICE <i>(Name, Address, and Zip Code)</i> N/A | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 9. GENERAL IDENTIFICATION OF THIS PROCUREMENT The purpose of this procurement is to design, develop, produce, and deliver a cryptographically modernized space telemetry, tracking, and control encryption/decryption capability. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th colspan="2" style="text-align: left;">10. CONTRACTOR WILL REQUIRE ACCESS TO:</th> <th>YES</th> <th>NO</th> <th colspan="2" style="text-align: left;">11. IN PERFORMING THIS CONTRACT, THE CONTRACTOR WILL:</th> <th>YES</th> <th>NO</th> </tr> <tr> <td colspan="2">a. COMMUNICATIONS SECURITY (COMSEC) INFORMATION</td> <td><input checked="" type="checkbox"/></td> <td><input type="checkbox"/></td> <td colspan="2">a. HAVE ACCESS TO CLASSIFIED INFORMATION ONLY AT ANOTHER CONTRACTOR'S FACILITY OR A GOVERNMENT ACTIVITY</td> <td><input type="checkbox"/></td> <td><input checked="" type="checkbox"/></td> </tr> <tr> <td colspan="2">b. RESTRICTED DATA</td> <td><input type="checkbox"/></td> <td><input checked="" type="checkbox"/></td> <td colspan="2">b. RECEIVE CLASSIFIED DOCUMENTS ONLY</td> <td><input type="checkbox"/></td> <td><input checked="" type="checkbox"/></td> </tr> <tr> <td colspan="2">c. CRITICAL NUCLEAR WEAPON DESIGN INFORMATION</td> <td><input type="checkbox"/></td> <td><input checked="" type="checkbox"/></td> <td colspan="2">c. RECEIVE AND GENERATE CLASSIFIED MATERIAL</td> <td><input checked="" type="checkbox"/></td> <td><input type="checkbox"/></td> </tr> <tr> <td colspan="2">d. FORMERLY RESTRICTED DATA</td> <td><input type="checkbox"/></td> <td><input checked="" type="checkbox"/></td> <td colspan="2">d. FABRICATE, MODIFY, OR STORE CLASSIFIED HARDWARE</td> <td><input checked="" type="checkbox"/></td> <td><input type="checkbox"/></td> </tr> <tr> <td colspan="2">e. INTELLIGENCE INFORMATION</td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> <td colspan="2">e. PERFORM SERVICES ONLY</td> <td><input type="checkbox"/></td> <td><input checked="" type="checkbox"/></td> </tr> <tr> <td colspan="2">(1) Sensitive Compartmented Information (SCI)</td> <td><input type="checkbox"/></td> <td><input checked="" type="checkbox"/></td> <td colspan="2">f. 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OTHER <i>(Specify)</i></td> <td><input checked="" type="checkbox"/></td> <td><input type="checkbox"/></td> </tr> <tr> <td colspan="2">k. OTHER <i>(Specify)</i></td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> <td colspan="2" style="text-align: center;">SEE ITEM #13</td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> </tr> </table> | | | | | | 10. CONTRACTOR WILL REQUIRE ACCESS TO: | | YES | NO | 11. IN PERFORMING THIS CONTRACT, THE CONTRACTOR WILL: | | YES | NO | a. COMMUNICATIONS SECURITY (COMSEC) INFORMATION | | <input checked="" type="checkbox"/> | <input type="checkbox"/> | a. HAVE ACCESS TO CLASSIFIED INFORMATION ONLY AT ANOTHER CONTRACTOR'S FACILITY OR A GOVERNMENT ACTIVITY | | <input type="checkbox"/> | <input checked="" type="checkbox"/> | b. RESTRICTED DATA | | <input type="checkbox"/> | <input checked="" type="checkbox"/> | b. RECEIVE CLASSIFIED DOCUMENTS ONLY | | <input type="checkbox"/> | <input checked="" type="checkbox"/> | c. 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| 10. CONTRACTOR WILL REQUIRE ACCESS TO: | | YES | NO | 11. IN PERFORMING THIS CONTRACT, THE CONTRACTOR WILL: | | YES | NO | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| a. COMMUNICATIONS SECURITY (COMSEC) INFORMATION | | <input checked="" type="checkbox"/> | <input type="checkbox"/> | a. HAVE ACCESS TO CLASSIFIED INFORMATION ONLY AT ANOTHER CONTRACTOR'S FACILITY OR A GOVERNMENT ACTIVITY | | <input type="checkbox"/> | <input checked="" type="checkbox"/> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| b. RESTRICTED DATA | | <input type="checkbox"/> | <input checked="" type="checkbox"/> | b. RECEIVE CLASSIFIED DOCUMENTS ONLY | | <input type="checkbox"/> | <input checked="" type="checkbox"/> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| c. CRITICAL NUCLEAR WEAPON DESIGN INFORMATION | | <input type="checkbox"/> | <input checked="" type="checkbox"/> | c. RECEIVE AND GENERATE CLASSIFIED MATERIAL | | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| e. INTELLIGENCE INFORMATION | | <input type="checkbox"/> | <input type="checkbox"/> | e. PERFORM SERVICES ONLY | | <input type="checkbox"/> | <input checked="" type="checkbox"/> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (1) Sensitive Compartmented Information (SCI) | | <input type="checkbox"/> | <input checked="" type="checkbox"/> | f. HAVE ACCESS TO U.S. CLASSIFIED INFORMATION OUTSIDE THE U.S., PUERTO RICO, U.S. POSSESSIONS AND TRUST TERRITORIES | | <input type="checkbox"/> | <input checked="" type="checkbox"/> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (2) Non-SCI | | <input type="checkbox"/> | <input checked="" type="checkbox"/> | g. BE AUTHORIZED TO USE THE SERVICES OF DEFENSE TECHNICAL INFORMATION CENTER (DTIC) OR OTHER SECONDARY DISTRIBUTION CENTER | | <input type="checkbox"/> | <input checked="" type="checkbox"/> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| f. SPECIAL ACCESS INFORMATION | | <input type="checkbox"/> | <input checked="" type="checkbox"/> | h. REQUIRE A COMSEC ACCOUNT | | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| h. FOREIGN GOVERNMENT INFORMATION | | <input type="checkbox"/> | <input checked="" type="checkbox"/> | j. HAVE OPERATIONS SECURITY (OPSEC) REQUIREMENTS | | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| i. LIMITED DISSEMINATION INFORMATION | | <input type="checkbox"/> | <input checked="" type="checkbox"/> | k. BE AUTHORIZED TO USE THE DEFENSE COURIER SERVICE | | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| j. FOR OFFICIAL USE ONLY INFORMATION | | <input checked="" type="checkbox"/> | <input type="checkbox"/> | l. OTHER <i>(Specify)</i> | | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| k. OTHER <i>(Specify)</i> | | <input type="checkbox"/> | <input type="checkbox"/> | SEE ITEM #13 | | <input type="checkbox"/> | <input type="checkbox"/> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

12. **PUBLIC RELEASE.** Any information (*classified or unclassified*) pertaining to this contract shall not be released for public dissemination except as provided by the Industrial Security Manual or unless it has been approved for public release by appropriate U.S. Government authority. Proposed public releases shall be submitted for approval prior to release ☐ Direct ☒ Through (*Specify*)
CPSG/MSSS, 230 Hall Blvd, San Antonio, TX 78243, COMM: (210) 977-2636

to the Directorate for Freedom of Information and Security Review, Office of the Assistant Secretary of Defense (Public Affairs)* for review.
*In the case of non-DoD User Agencies, requests for disclosure shall be submitted to that agency.

13. **SECURITY GUIDANCE.** The security classification guidance needed for this classified effort is identified below. If any difficulty is encountered in applying this guidance or if any other contributing factor indicates a need for changes in this guidance, the contractor is authorized and encouraged to provide recommended changes; to challenge the guidance or the classification assigned to any information or material furnished or generated under this contract; and to submit any questions for interpretation of this guidance to the official identified below. Pending final decision, the information involved shall be handled and protected at the highest level of classification assigned or recommended. (*Fill in as appropriate for the classified effort. Attach, or forward under separate correspondence, any documents/guides/extracts referenced herein. Add additional pages as needed to provide complete guidance.*)

The contractor shall adhere to guidance identified in the National Industrial Security Program Operating Manual (NISPOM) 5220.22M.

All security questions and/or guidance will be addressed to the CPSG Special Projects Security Office, CPSG/ZJ, 250 Hall Blvd, Ste 122, San Antonio, TX, 78243, 210-977-4261. Continued on page 3.

Access required for this contract is a Secret collateral clearance.

A review of this DD Form 254 and attachments has been conducted by CPSG/ZJJ and revealed it contains no classified information. AM

CPSG/ZJJ AM 05 Dec 2005

CPSG/ZJ-S OK 02 Dec 2005

CPSG/MSSS AF 06 Dec 05

COMSEC Monitor WAC

14. **ADDITIONAL SECURITY REQUIREMENTS.** Requirements, in addition to ISM requirements, are established for this contract. ☐ Yes ☒ No
(*If Yes, identify the pertinent contractual clauses in the contract document itself, or provide an appropriate statement which identifies the additional requirements. Provide a copy of the requirements to the cognizant security office. Use Item 13 if additional space is needed.*)

15. **INSPECTIONS.** Elements of this contract are outside the inspection responsibility of the cognizant security office. ☐ Yes ☒ No
(*If Yes, explain and identify specific areas or elements carved out and the activity responsible for inspections. Use Item 13 if additional space is needed.*)

16. **CERTIFICATION AND SIGNATURE.** Security requirements stated herein are complete and adequate for safeguarding the classified information to be released or generated under this classified effort. All questions shall be referred to the official named below.

| | | |
|---|---|---|
| a. TYPED NAME OF CERTIFYING OFFICIAL AMADO VERA III GG-13, DAF | b. TITLE AVE II Project Manager | c. TELEPHONE (<i>Include Area Code</i>) 210-977-2356 |
| d. ADDRESS (<i>Include Zip Code</i>) CPSG/ZJJ 250 Hall Blvd, Suite 132 San Antonio, TX 78243 | 17. REQUIRED DISTRIBUTION <input checked="" type="checkbox"/> a. CONTRACTOR <input checked="" type="checkbox"/> b. SUBCONTRACTOR <input type="checkbox"/> c. COGNIZANT SECURITY OFFICE FOR PRIME AND SUBCONTRACTOR <input type="checkbox"/> d. U.S. ACTIVITY RESPONSIBLE FOR OVERSEAS SECURITY ADMINISTRATION <input checked="" type="checkbox"/> e. ADMINISTRATIVE CONTRACTING OFFICER <input checked="" type="checkbox"/> f. OTHERS AS NECESSARY | |
| e. SIGNATURE <u>Amado Vera III</u> | | |

ITEM #8

Ref Item 8a. LOCATION: Access to classified information and performance of this contract is restricted to Cryptologic Systems Group (CPSG) Building 2058, 250 Hall Blvd, San Antonio, TX 78243-7057 and at the contractor's facility. The activity will provide security classification guidance for performance of contract.

ITEM #10

Ref Item 10a. COMMUNICATIONS SECURITY (COMSEC) INFORMATION: COMSEC material/information may not be released to DoD contractors without CPSG approval. Contractors must forward requests for COMSEC material/information to the COMSEC officer through the program office. The contractor is governed by 5220.22-S COMSEC supplement to the NISPOM dated March 17, 1988 in the control and protection of COMSEC material/information. Access to COMSEC material by personnel is restricted to U.S. citizens holding final U.S. Government clearance. Such information is not releasable to personnel holding only reciprocal clearances.

Ref Item 10j. FOR OFFICIAL USE ONLY INFORMATION: Official Use Only Information provided under this contract shall be safeguarded as specified in Attachment #1 "Protecting For Official Use Only (FOUO) Information."

ITEM #11

Ref Item 11c. RECEIVE AND GENERATE CLASSIFIED MATERIAL: The contractor is expected to receive and generate classified information (documents and/or software) at the Prime contractor's location. Contractor physical and information security guidelines as stated in DoD 5200.22-M, National Industrial Security Program Operating Manual, dated January 1995; DoD 5200.22-M-Sup 1, National Industrial Security Program Operating Manual Supplement, dated February 1995; and DoD 5220.22-A, COMSEC Annex to the National Industrial Security Program Operating Manual, dated June 1995 must be strictly followed. Contractor facility must have met current DIA inspection criteria and accreditation requirements.

Ref Item 11d. FABRICATE, MODIFY, OR STORE CLASSIFIED HARDWARE: The contractor is required to provide adequate and approved storage for classified hardware or material to the level of SECRET which because of size or quantity cannot be safeguarded in an approved storage container.

Ref Item 11h. REQUIRE A COMSEC ACCOUNT: The contractor is required to maintain a COMSEC account for the duration of the contract.

Ref Item 11j. HAVE OPERATIONS SECURITY (OPSEC) REQUIREMENTS: OPSEC Program Managers will provide Tactical Intel and Force Protection Products critical information (CI) lists to the contractor under separate cover.

DD FORM 254, Page 3 (continued)

Ref Item 11k. BE AUTHORIZED TO USE THE DEFENSE COURIER SERVICE: The contractor is required to request DCS services from the commander, Defense Courier Services, Attn: HQ Defense Courier System, Operations Division, Bldg P-830, Ft George Meade, MD, 20755-5370. Only certain classified information qualifies for shipment by DCS. It is the responsibility of the contracting activity to comply with DCS policy and procedures.

ITEM #15

Ref Item 15. CPSG/MSSS, 230 Hall Blvd, San Antonio, TX 78243 has exclusive security responsibility for all classified material released to or developed under this contract and held within the contractor's facility.

While on base, the CPSG Security Office, 230 Hall Blvd, San Antonio, TX, 78243, has exclusive security responsibility.

There will be (0) billets required for this contract, however contractors will be visiting the above-mentioned facilities approximately three times per year. Contract expiration date is TBD.

Attachment # 1

Extract from AFI 37-131

PROTECTING FOR OFFICIAL USE ONLY INFORMATION

1. FOR OFFICIAL USE ONLY INFORMATION:

a. The "Official Use Only" (FOUO) marking is assigned to information at the time of its creation by a DoD User Agency. It is not authorized as a substitute for a security classification marking but is used on official government information that may be withheld from the public under exemptions 2 through 9 of the Freedom of Information Act (FOIA).

b. Use of the above markings does not mean that the information cannot be released to the public, only that it must be reviewed by the Government prior to its release to determine whether a significant and legitimate purpose is served by withholding the information or portions of it.

2. IDENTIFICATION MARKINGS:

a. An unclassified document containing FOUO information will be marked "For Official Use Only" at the bottom of the front cover (if any), on the first page, on each page containing FOUO information, on the back page, and on the outside of the back cover (if any). No portion marking will be shown.

b. Within a classified document, an individual page that contains FOUO and classified information will be marked at the top and bottom with the highest security classification of information appearing on the page. If an individual portion contains FOUO information but no classified information, the portion will be marked, "FOUO".

c. Any FOUO information released to a Contractor by a DoD User Agency will be marked with the following statement prior to transfer:

This document contains information EXEMPT FROM MANDATORY DISCLOSURE under the FOIA. Exemptions _____ apply.

d. Removal of the FOUO markings can only be accomplished by the originator or by other competent authority. When the FOUO status is terminated, all known holders will be notified to the extent practical.

3. DISSEMINATION: Contractors may disseminate FOUO information to their employees and subcontractors who have a need for the information in connection with a classified contract.

4. STORAGE: During working hours, FOUO information shall be placed in an out-of-sight location if the work area is accessible to persons who do not have a need for the information. During non-working hours, the information shall be stored to preclude

unauthorized access. Filing such material with other classified records in unlocked files or desks is adequate when internal building security is provided during non-working hours. When such internal security control is not exercised, locked buildings or rooms will provide adequate after-hours protection, or the material can be stored in locked receptacles such as file cabinets, or bookcases.

5. TRANSMISSION: FOUO information may be sent via first-class mail or parcel post. Bulky shipments may be sent by fourth class mail.

6. DISPOSITION & DISCLOSURE: When no longer needed, FOUO information may be disposed of by tearing each copy into pieces to preclude reconstructing, and placing it in a regular trash container. Unauthorized disclosure of FOUO information does not constitute a security violation but the releasing agency should be informed of any unauthorized disclosure. The unauthorized disclosure of FOUO information protected by the Privacy Act may result in criminal sanctions.